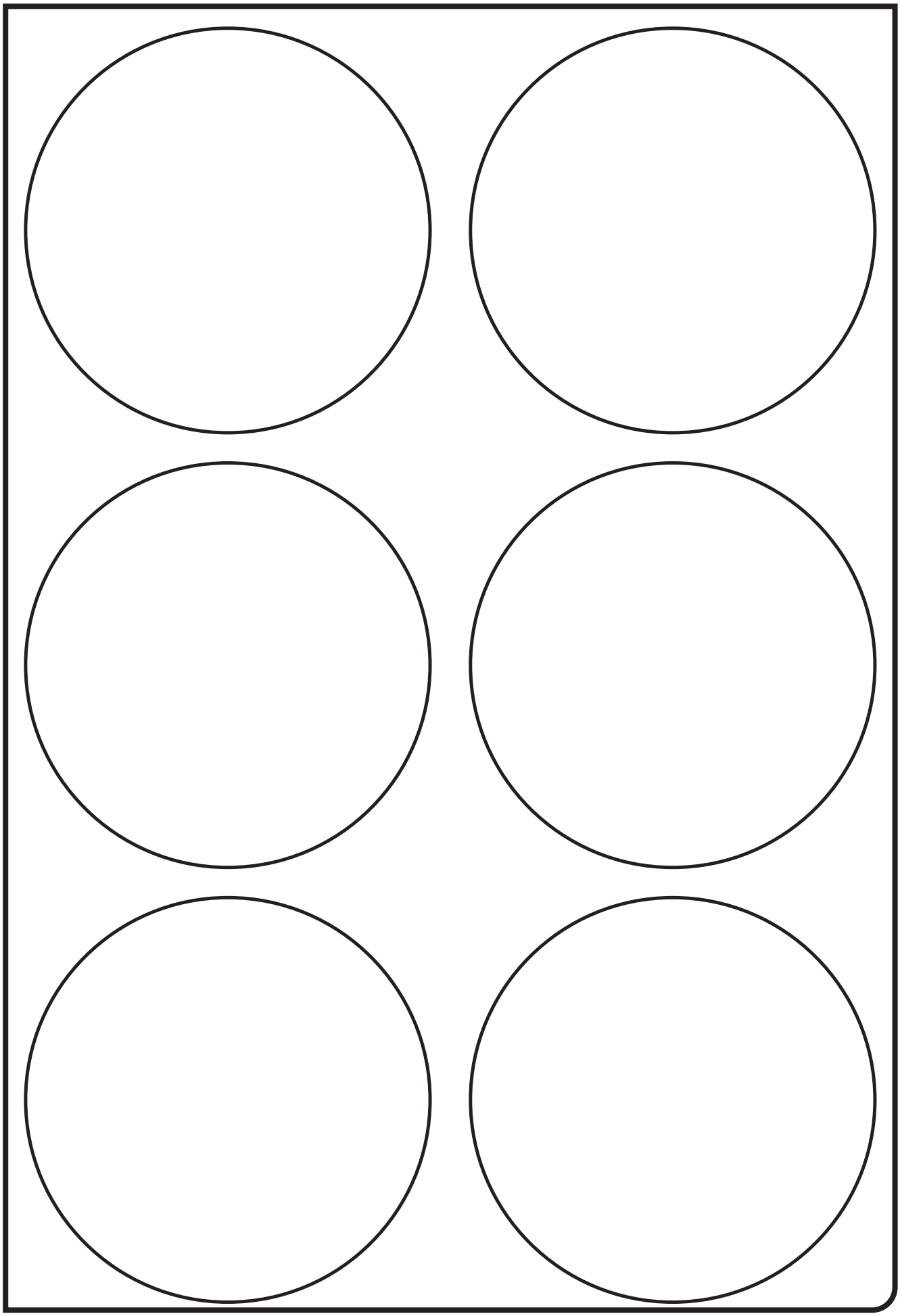
New Busy at Maths

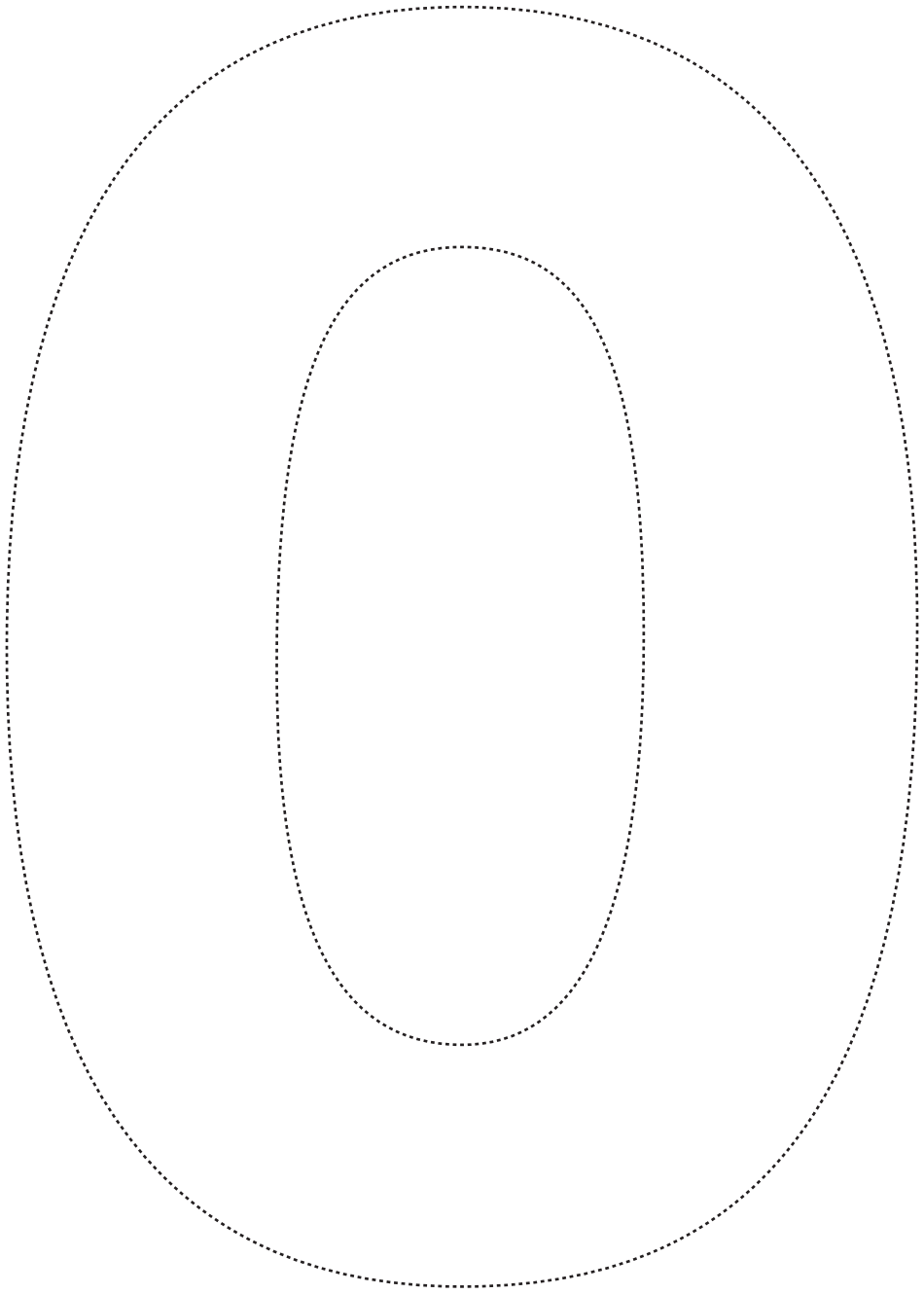
Year 2

Photocopiable Sheets (PCMs)









zero

1

one

2

two

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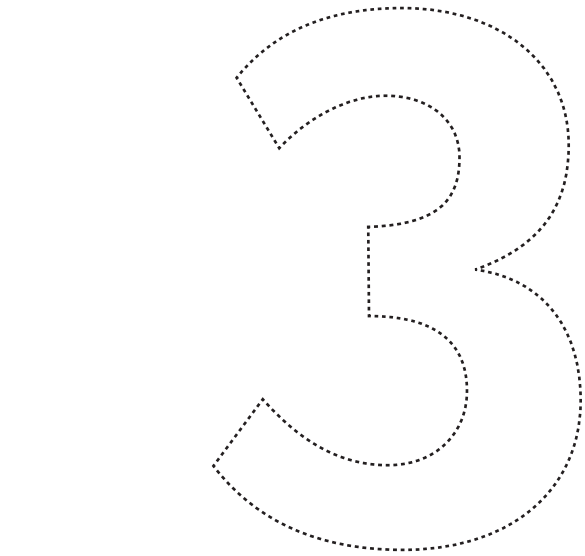
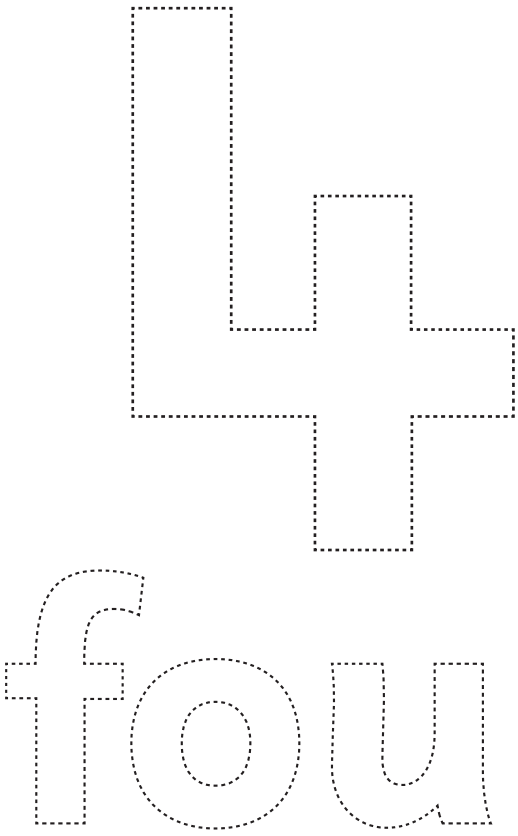
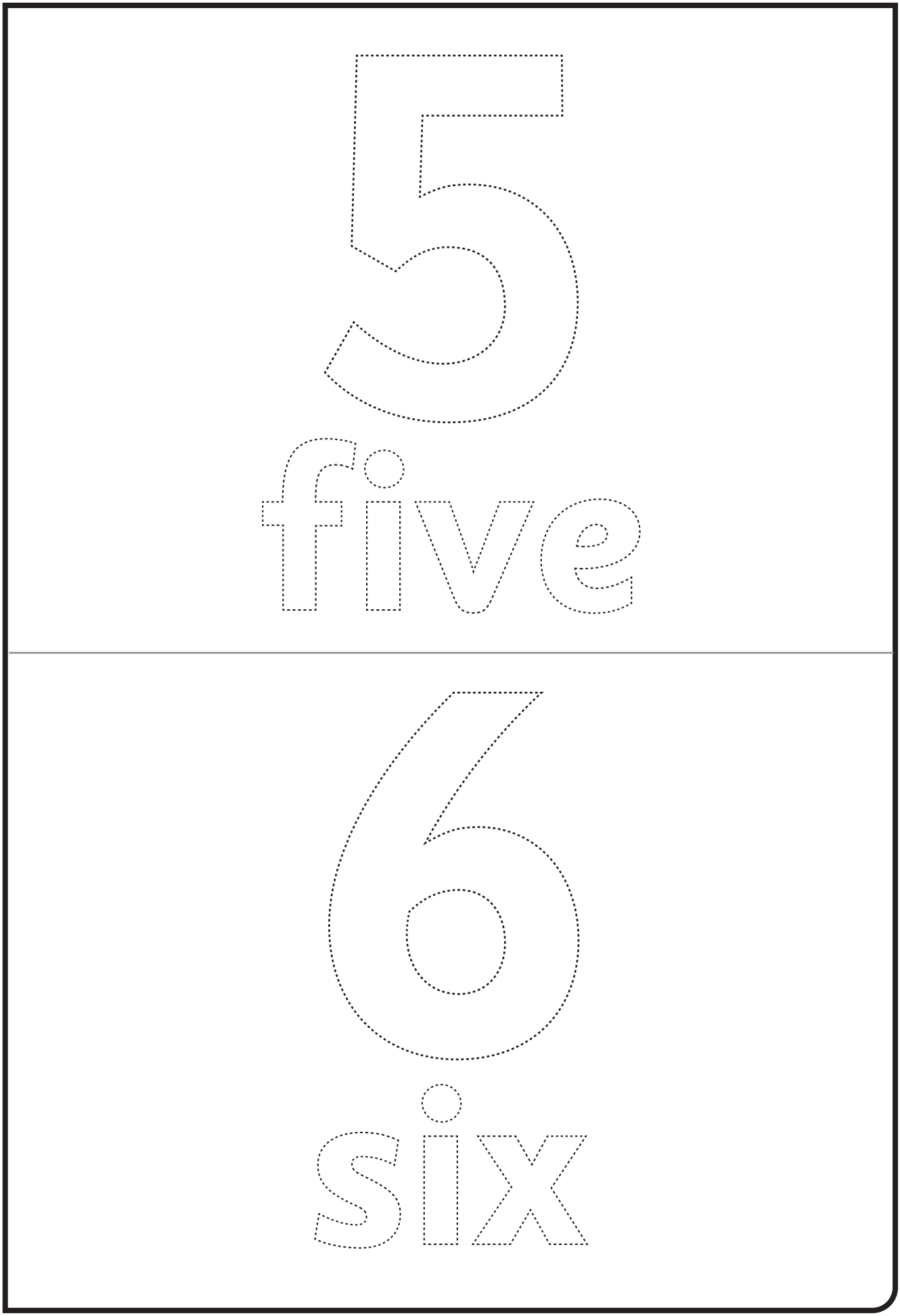


three



four

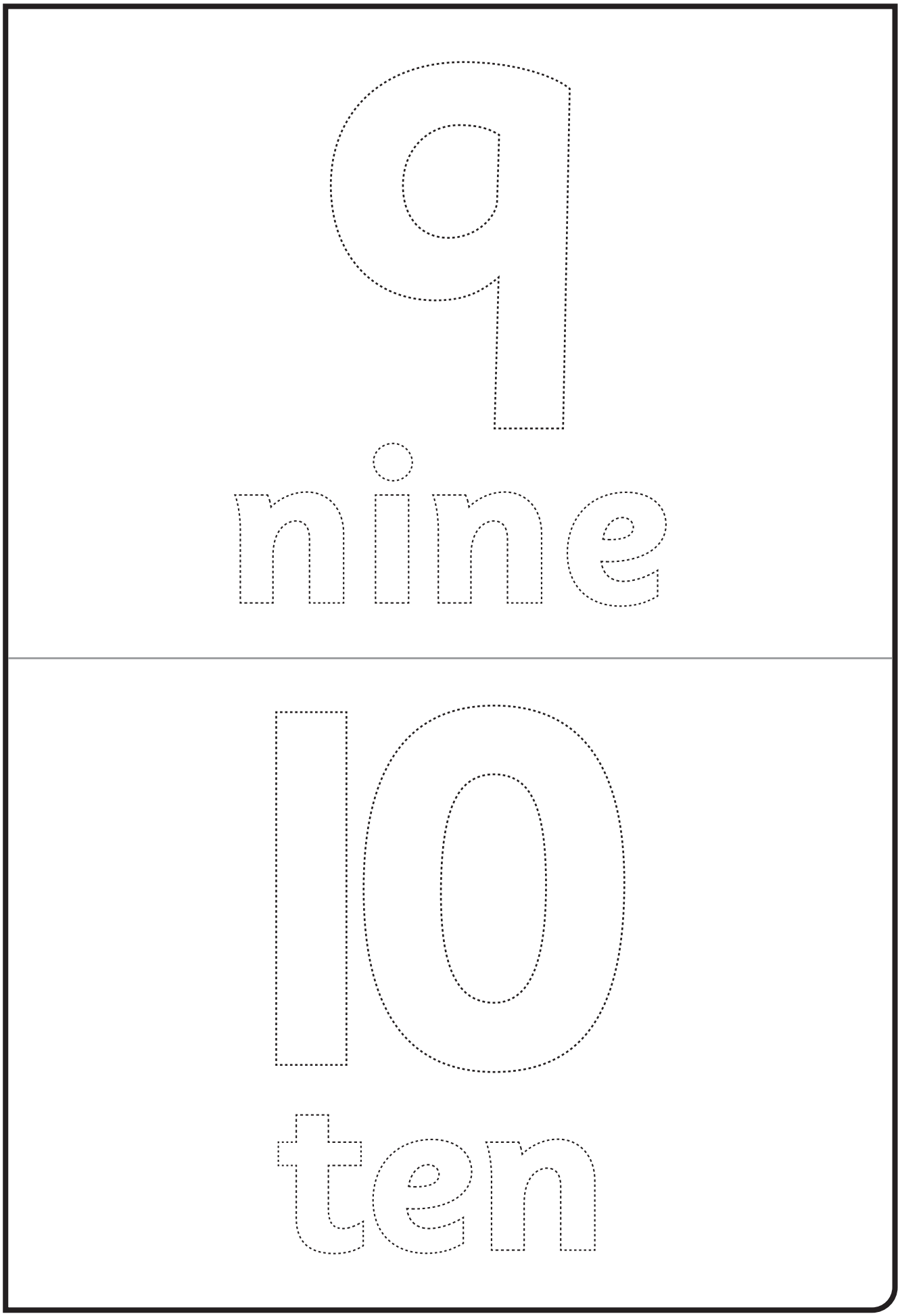

5
five
6
six

7

seven

8

eight



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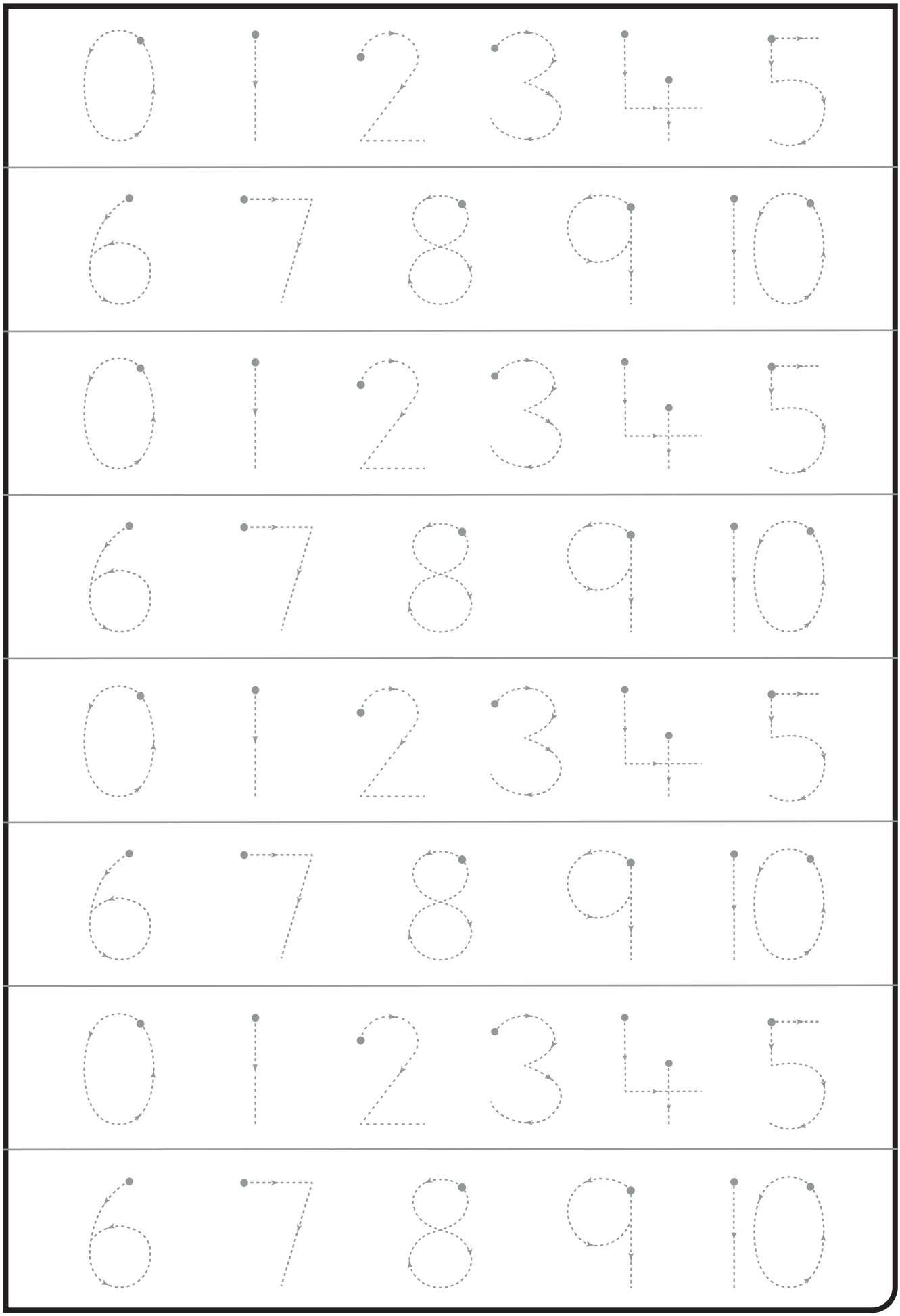

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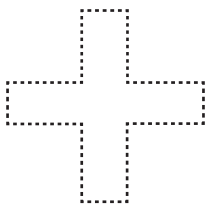
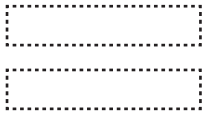
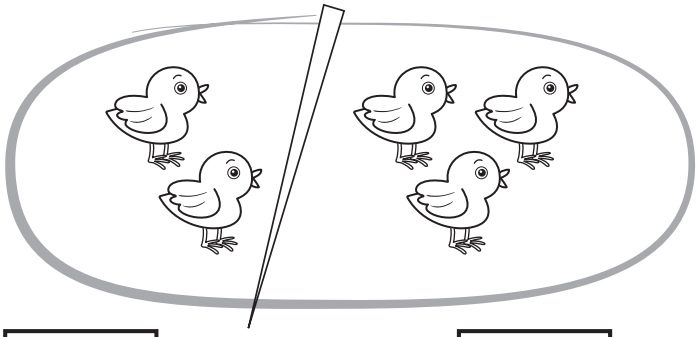
plus

equals



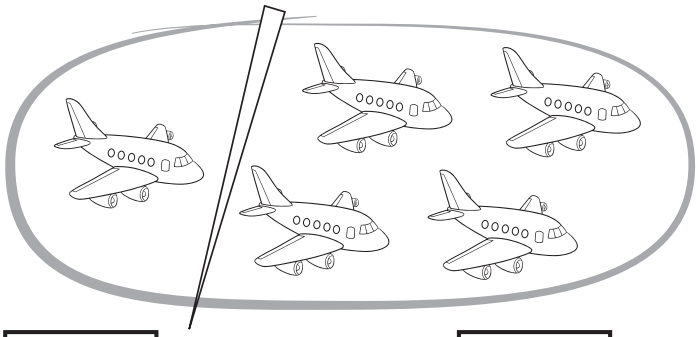


a



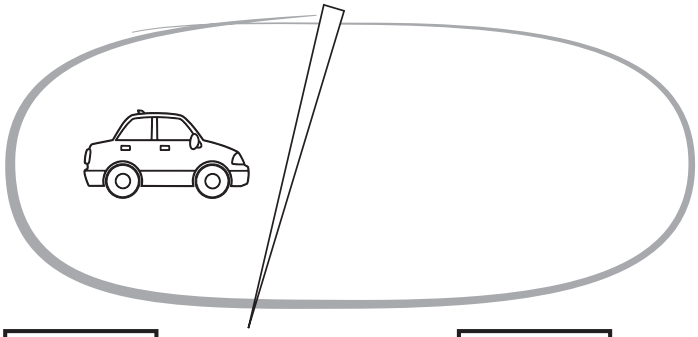
2 and 3 make ☐

b



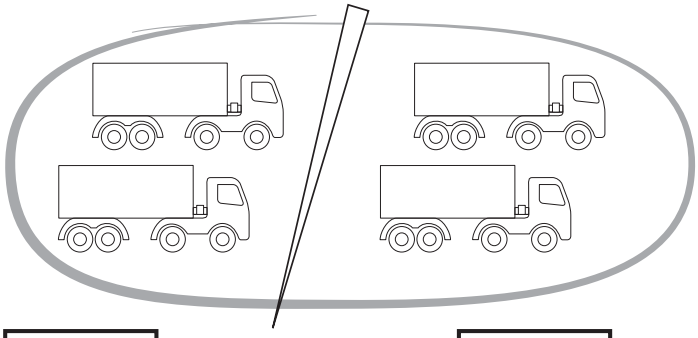
☐ and ☐ make ☐

c

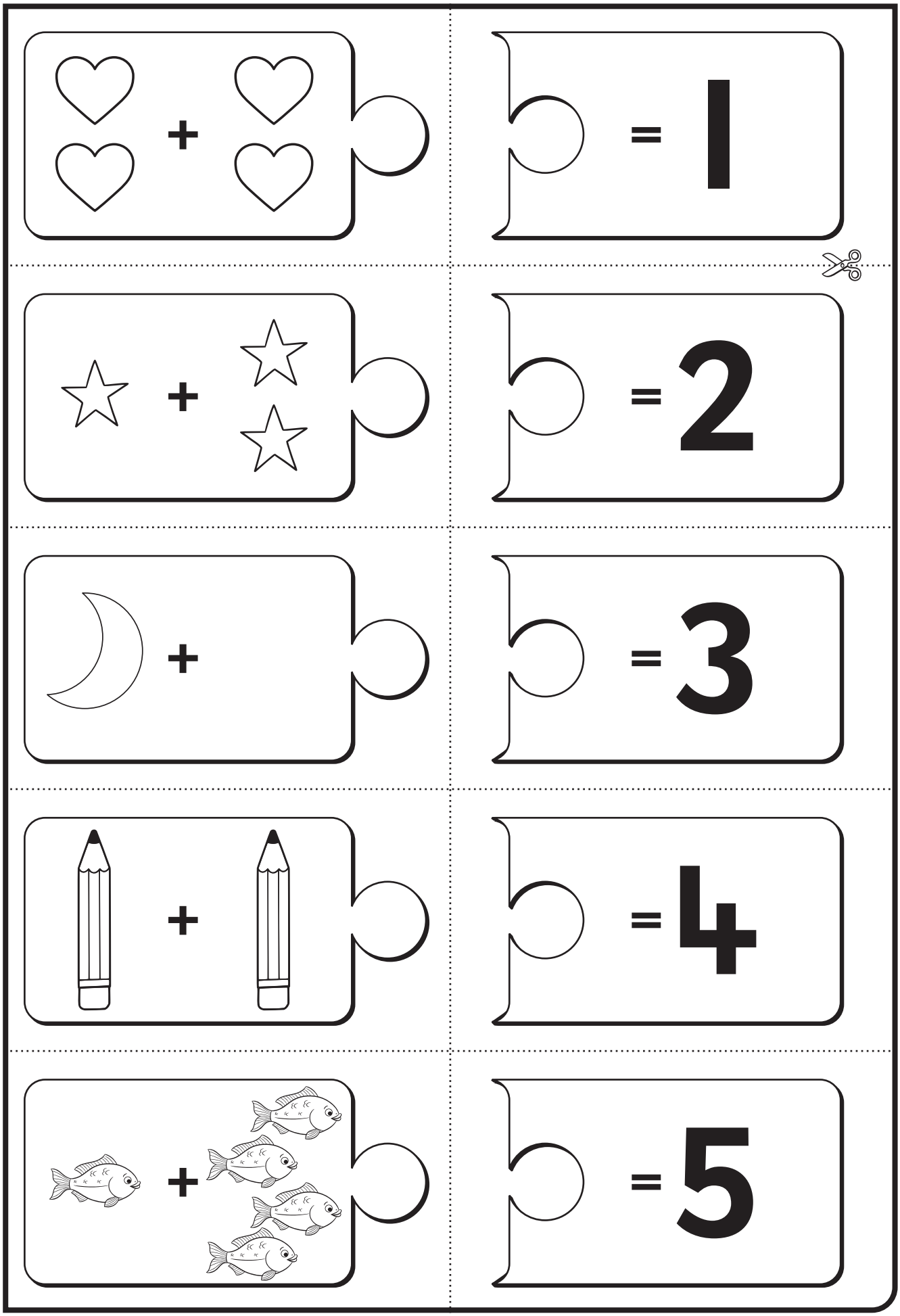


☐ and ☐ make ☐

d



☐ and ☐ make ☐



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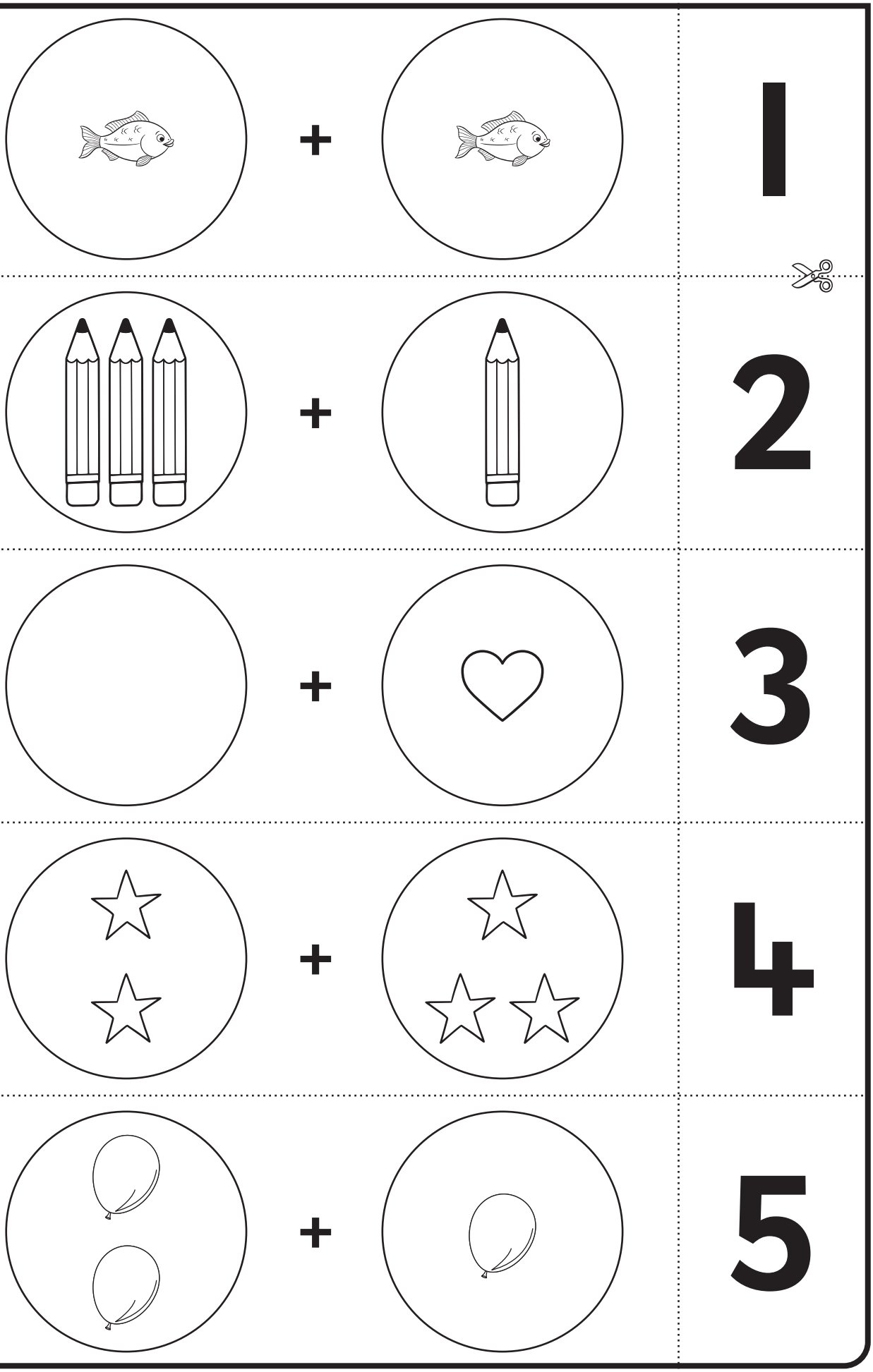
+
1
+
2
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3
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4
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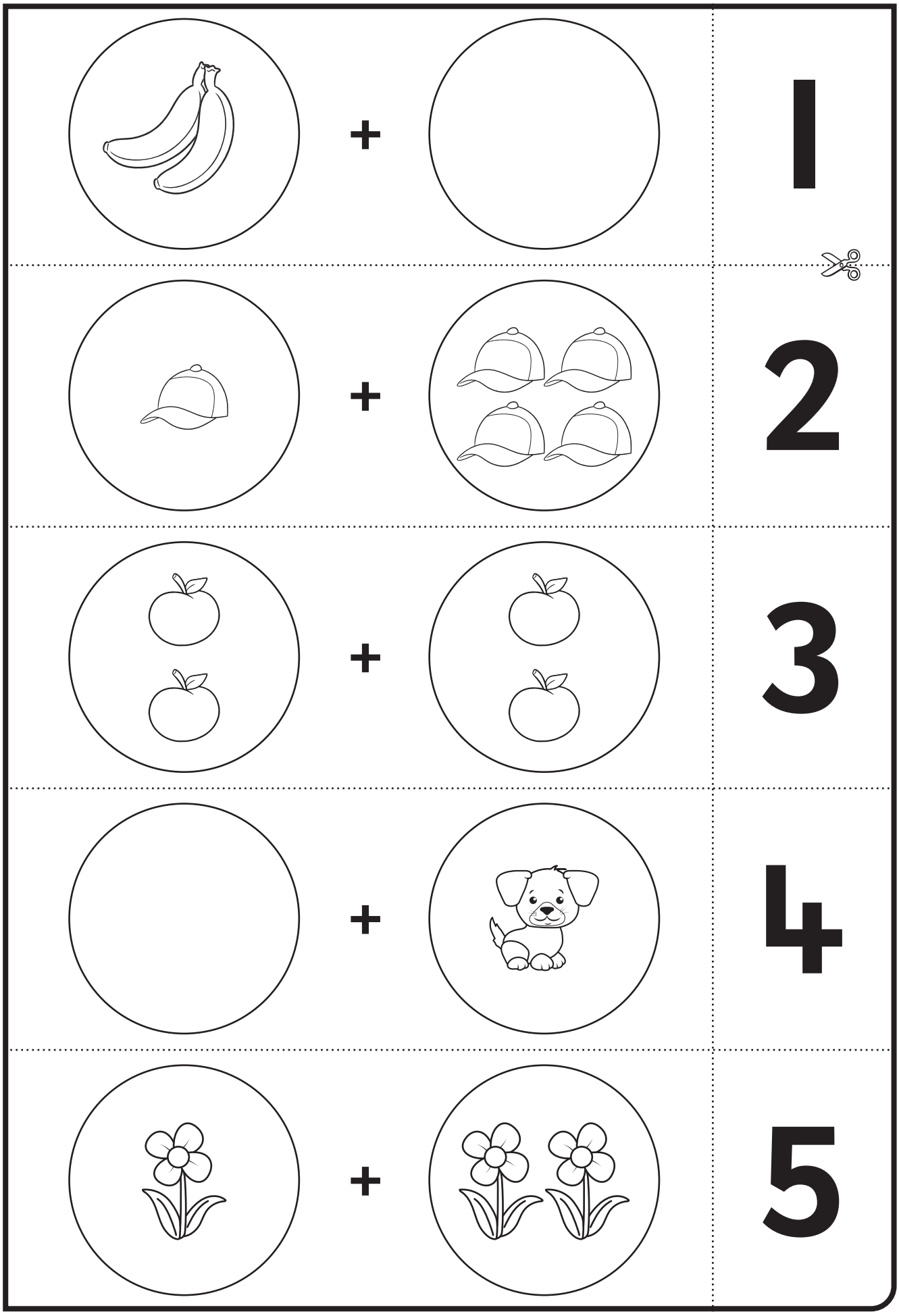
5


+
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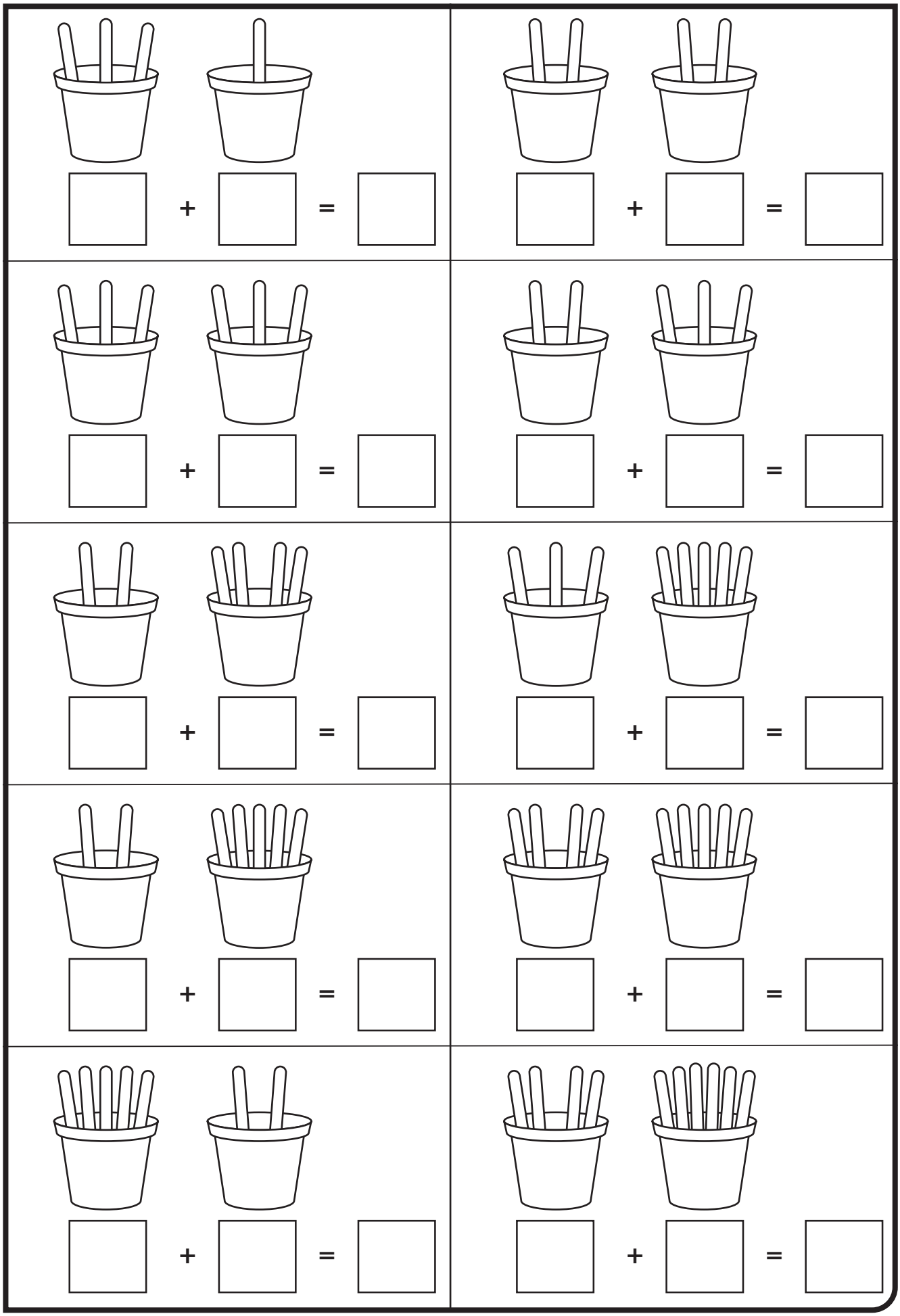
5



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5 + 5 = ☐	4 + 4 = ☐
4 + 3 = ☐	9 + 1 = ☐
8 + 2 = ☐	6 + 1 = ☐
1 + 7 = ☐	2 + 5 = ☐
4 + 2 = ☐	1 + 7 = ☐
3 + 6 = ☐	4 + 2 = ☐
6 + 4 = ☐	2 + 7 = ☐
4 + 5 = ☐	1 + 5 = ☐
0 + 9 = ☐	3 + 3 = ☐
7 + 3 = ☐	10 + 0 = ☐

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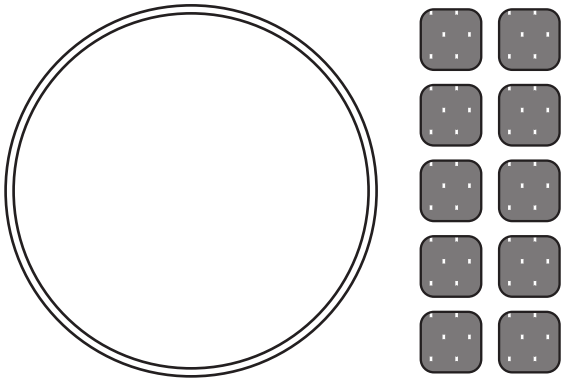
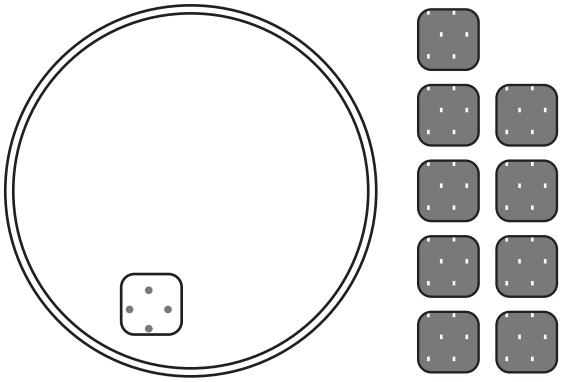
Place a tick under the number sentence each time your group makes it!
Have fun!

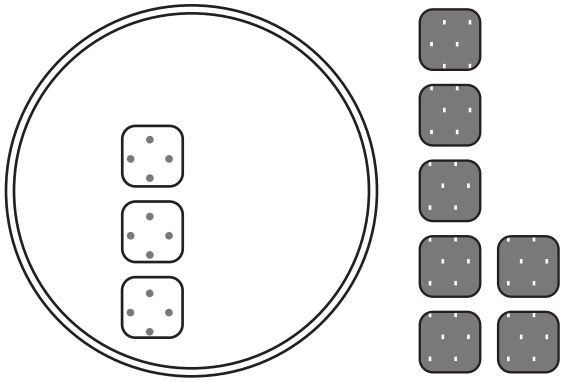
10 = 0 + 10



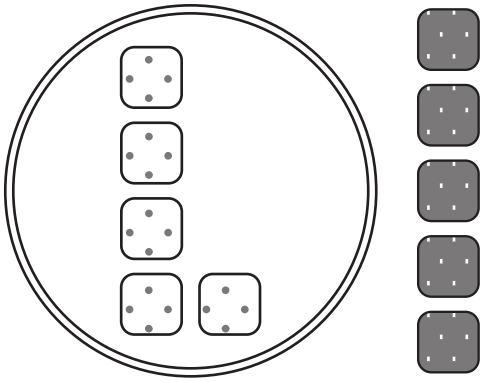
10 = 1 + 9



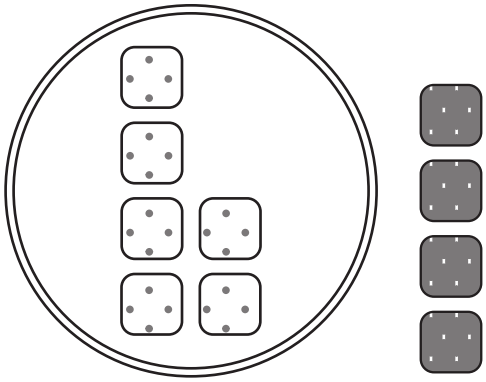
10 = 3 + 7



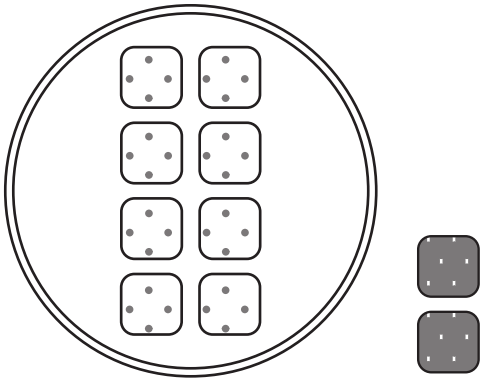
10 = 5 + 5



10 = 6 + 4



10 = 8 + 2



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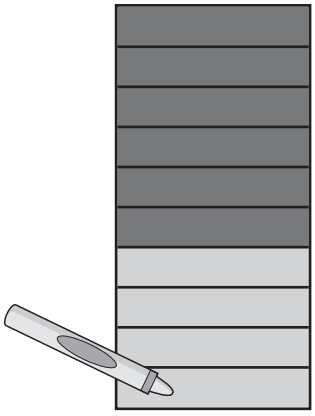
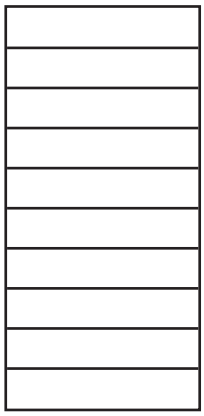
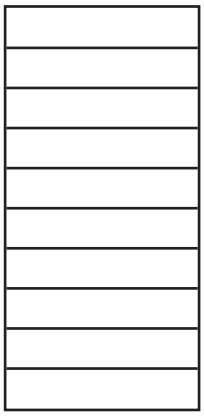
Colour to show different ways of building your Lego tower using two different coloured bricks. Look at the example.



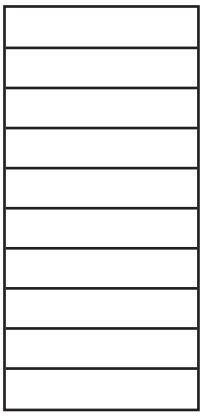
10 = 4 + 6



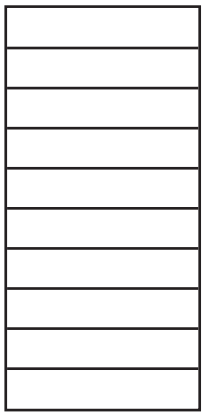
10 = ☐ + ☐



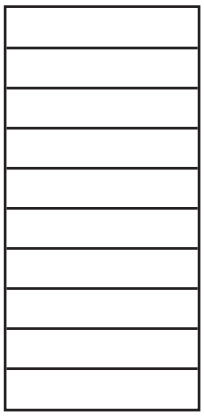
10 = ☐ + ☐



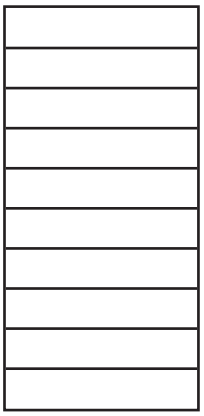
10 = ☐ + ☐



10 = ☐ + ☐



10 = ☐ + ☐



10 = ☐ + ☐

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10 = 1 + 9



10 = 2 + 8



10 = 3 + 7



10 = 4 + 6



10 = 5 + 5



10 = 6 + 4



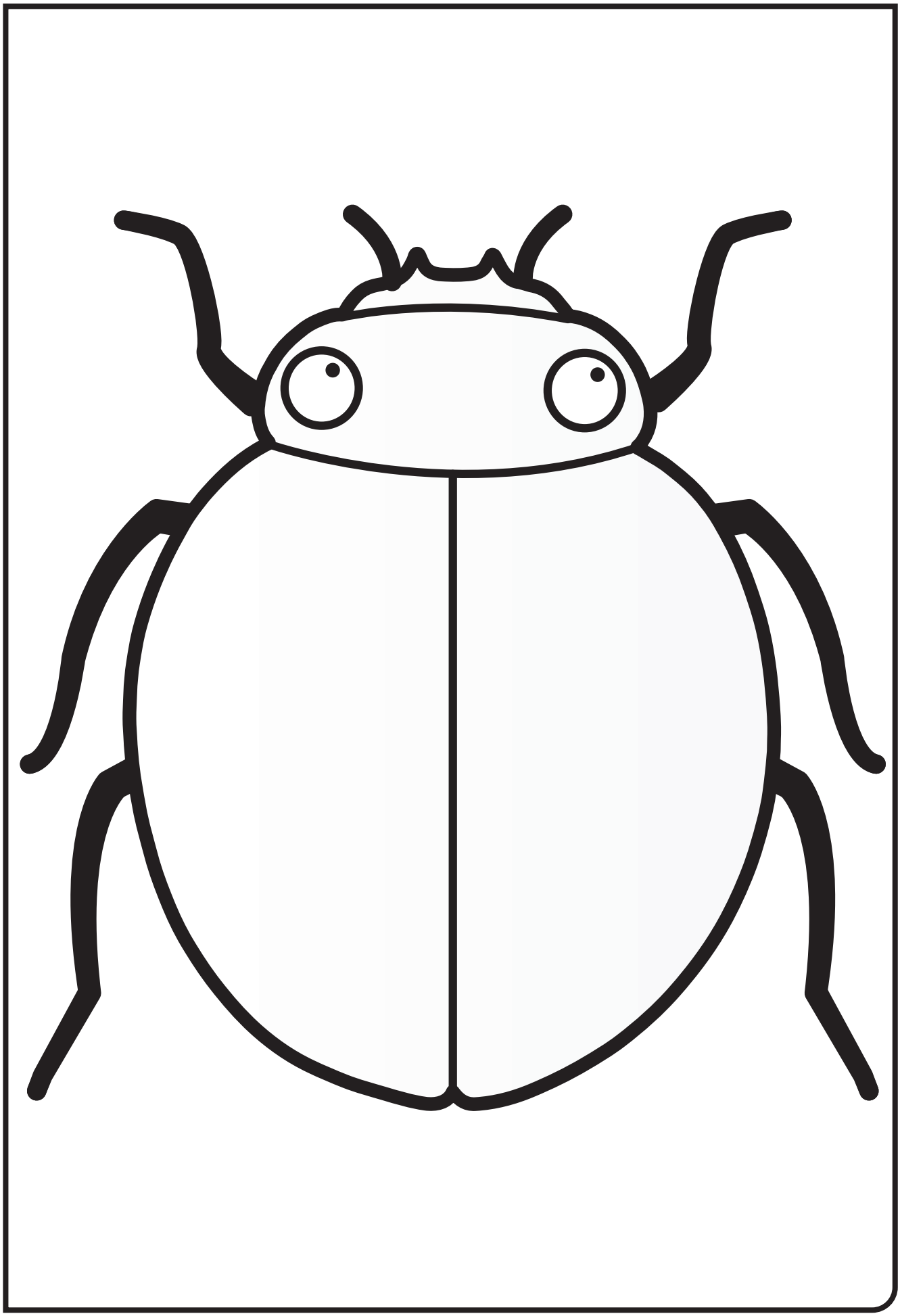
10 = 7 + 3

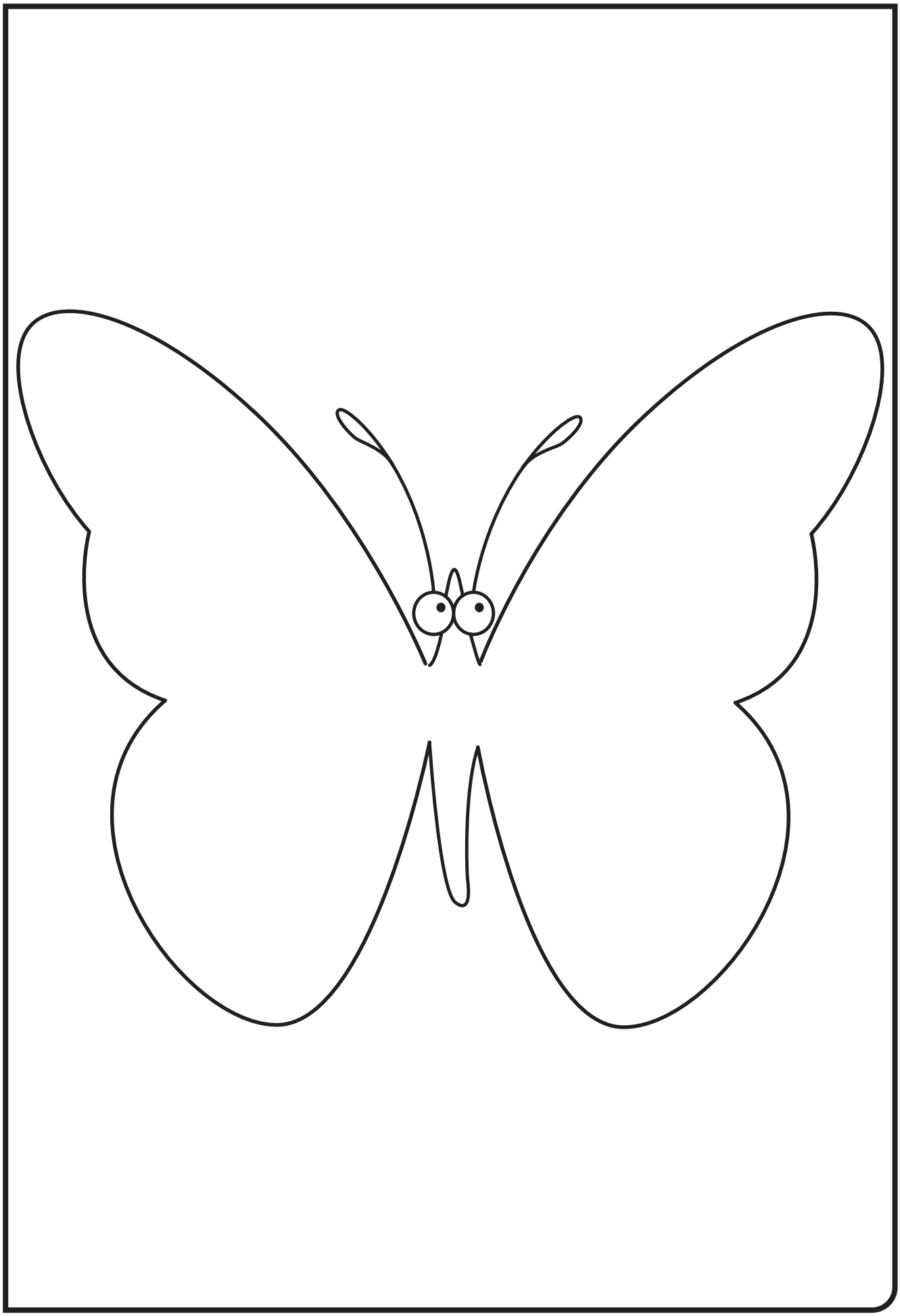


10 = 8 + 2



10 = 9 + 1





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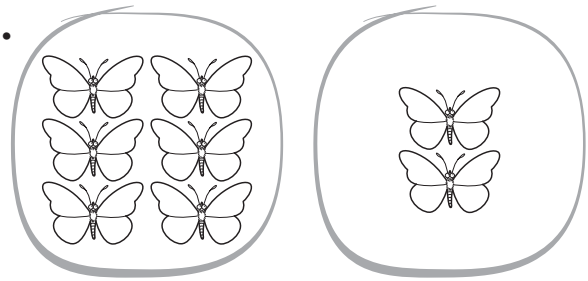
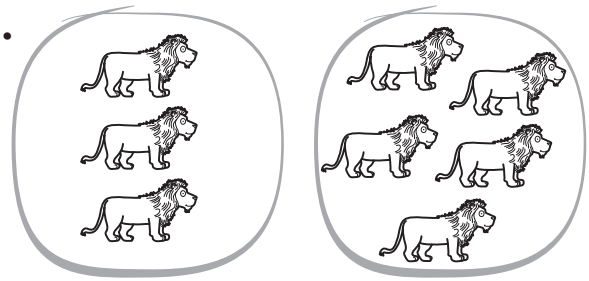


□ = □ + □

2.



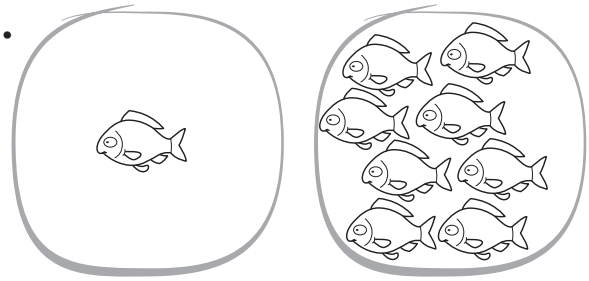
□ = □ + □

3.



□ = □ + □

4.



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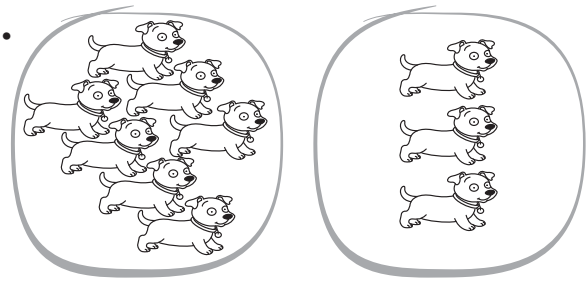

□ = □ + □

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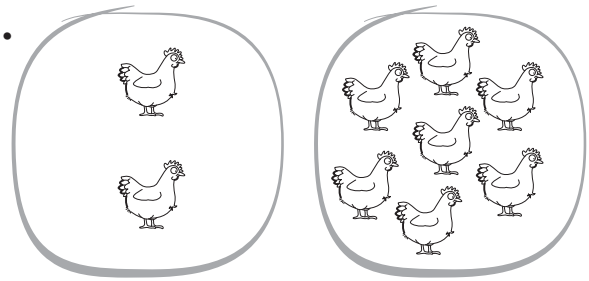

□ = □ + □

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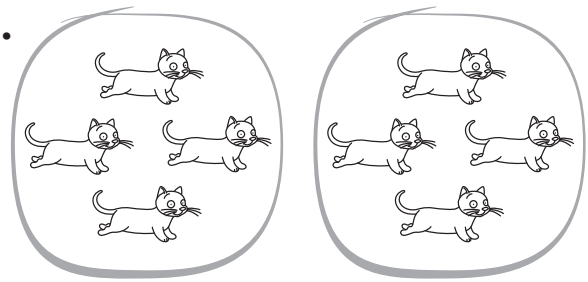
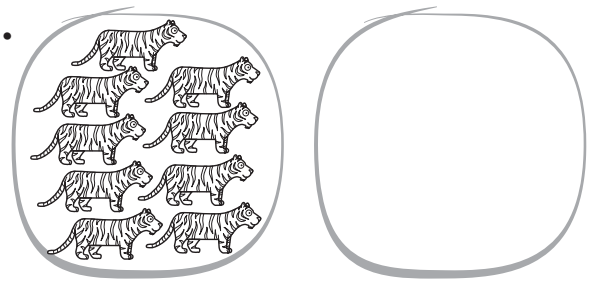


□ = □ + □

8.



□ = □ + □

	2	3		5	6		8		10	11		13		

1			4			7		9	10		12		14	15

1		3		5	6		8		10	11		13		

1	2		4				8	9			12	13		15

		3	4	5	6	7			10	11			14	

1	2			5		7		9		11		13		15

	2		4		6		8		10		12		14	

1		3		5		7		9		11		13		15

	14		12		10		8		6		4		2	1

15		13		11		9		7		5		3	2	

			12			9	8		6		4	3	2	1

15				11			8		6	5	4		2	1

	14	13	12			9		7		5	4	3		

		13		11			8		6	5	4	3	2	1

15		13		11		9		7		5		3		1

	14		12		10		8		6		4		2	1

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

1. Put your counter on the number that comes before ☐.

2. Put your counter on the number that comes after ☐.

3. Put your counter on the number that comes between ☐ and ☐.

4. ☐ comes just before what number?

5. ☐ comes just after what number?

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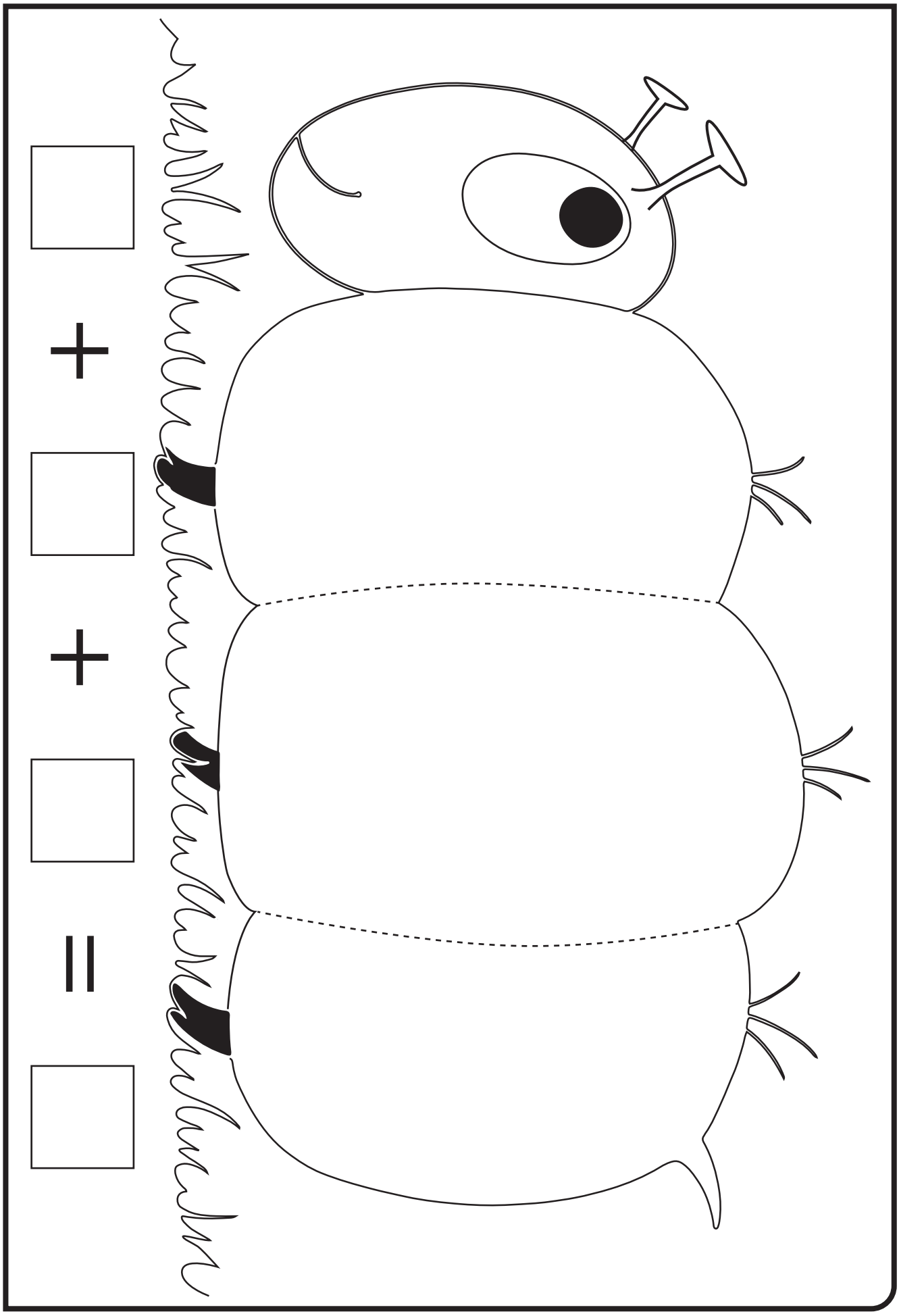
1	2	2
3	3	3
4	4	4
5	5	6
6	7	8



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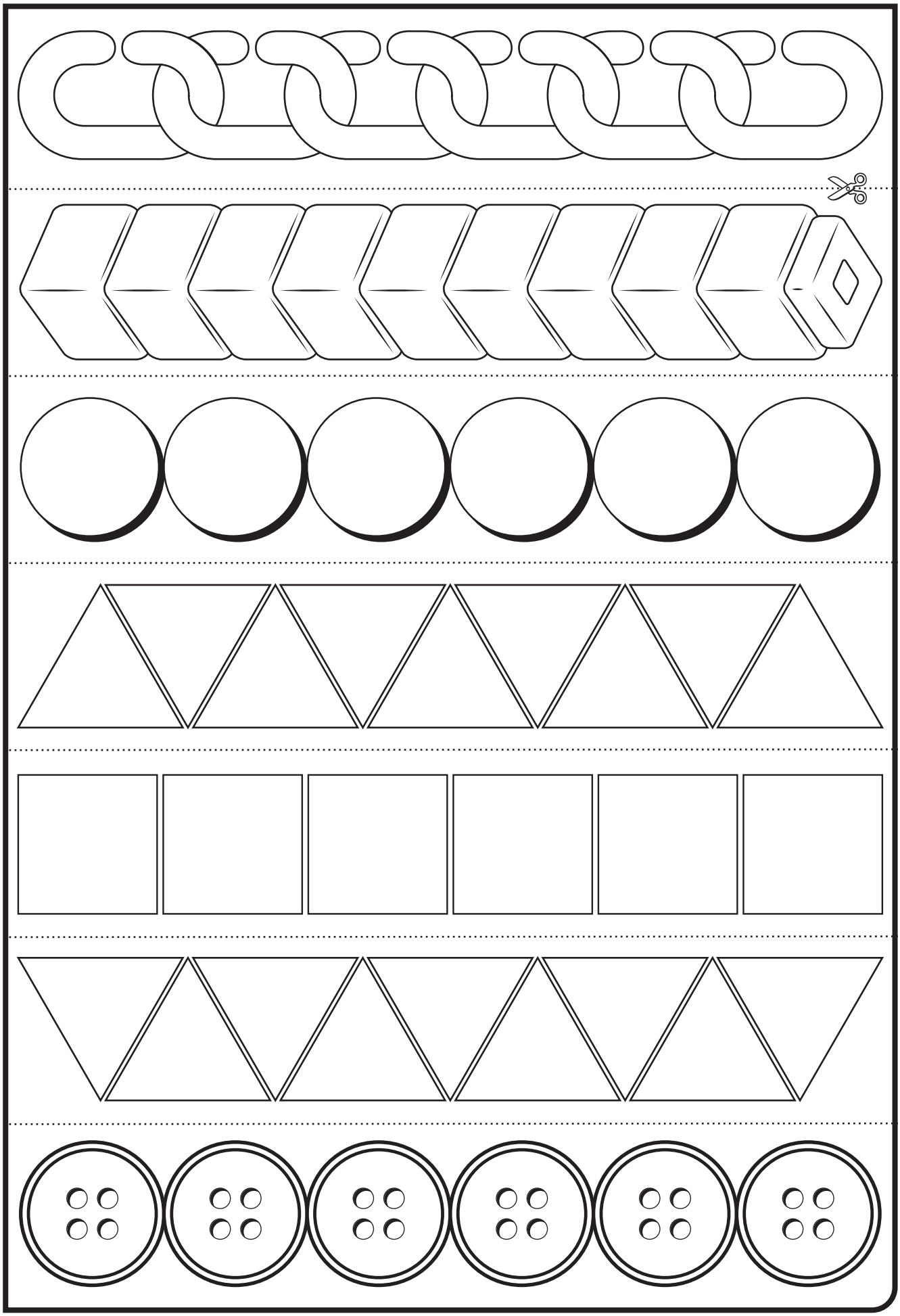

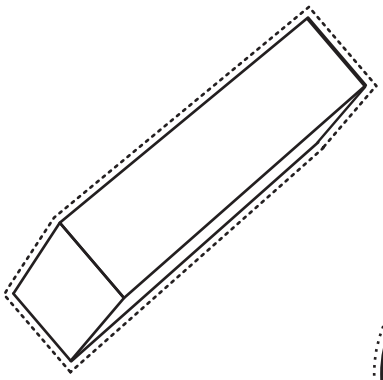
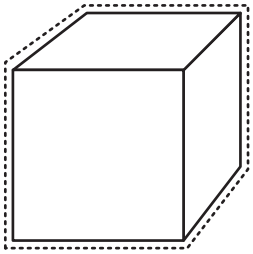
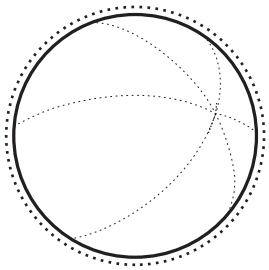
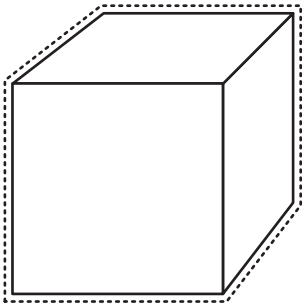
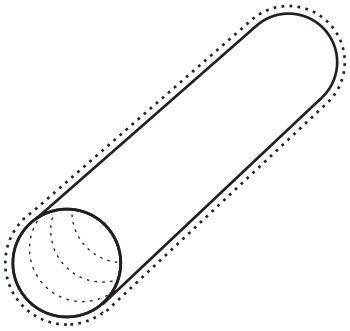
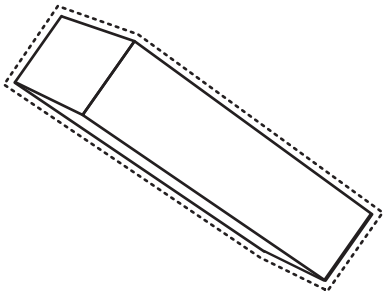
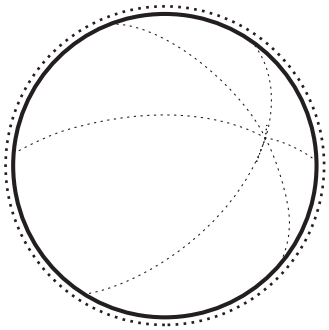
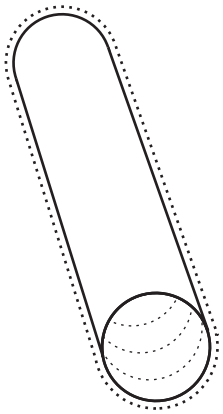
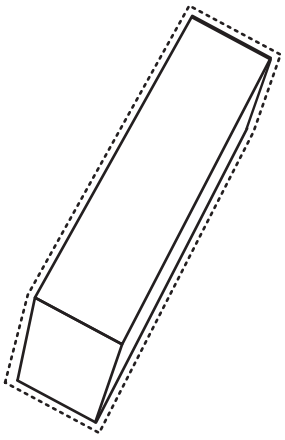

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first

second

third

last



FIRST



SECOND



THIRD



LAST

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What is my name?

My last letter is **k**.

My 1st letter is **M**.

My 3rd letter is **r**.

My 2nd letter is **a**.

What is my name?

My 4th letter is **y**.

My 2nd letter is **i**.

My 3rd letter is **l**.

My 1st letter is **L**.

What is my name?

My first letter is **R**.

My 2nd letter is **o**.

My last letter is **e**.

My 3rd letter is **s**.

What is my name?

My 2nd letter is **d**.

My 3rd letter is **a**.

My 4th letter is **m**.

My first letter is **A**.

What is my name?

My 3rd letter is **k**.

My second letter is **u**.

My 1st letter is **L**.

My last letter is **e**.

What is my name?

My 2nd letter is **o**.

My 3rd letter is **a**.

My 4th letter is **h**.

My first letter is **N**.

What is my name?

My first letter is **E**.

My 2nd letter is **m**.

My last letter is **a**.

My 3rd letter is **m**.

What is my name?

My 4th letter is **a**.

My 2nd letter is **r**.

My third letter is **l**.

My 1st letter is **O**.

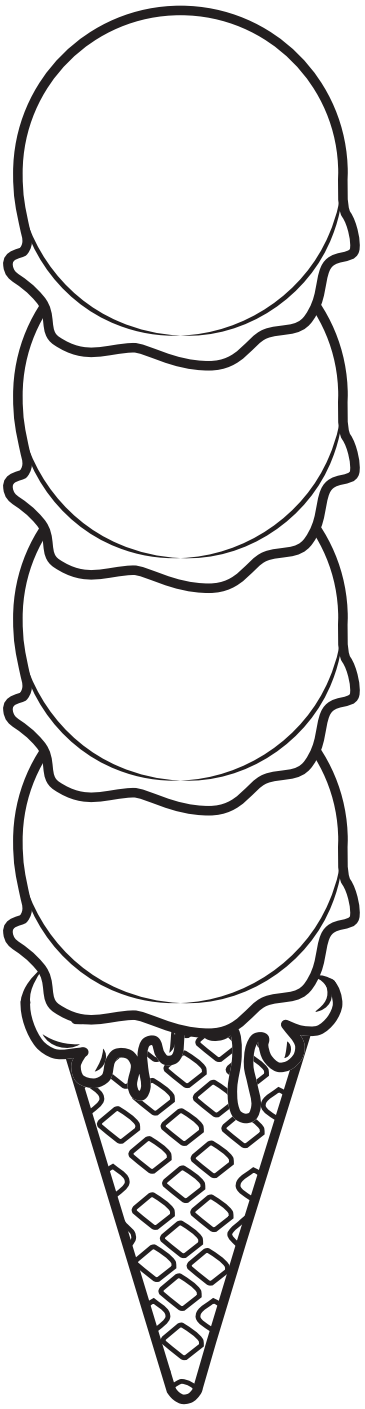
What is my name?

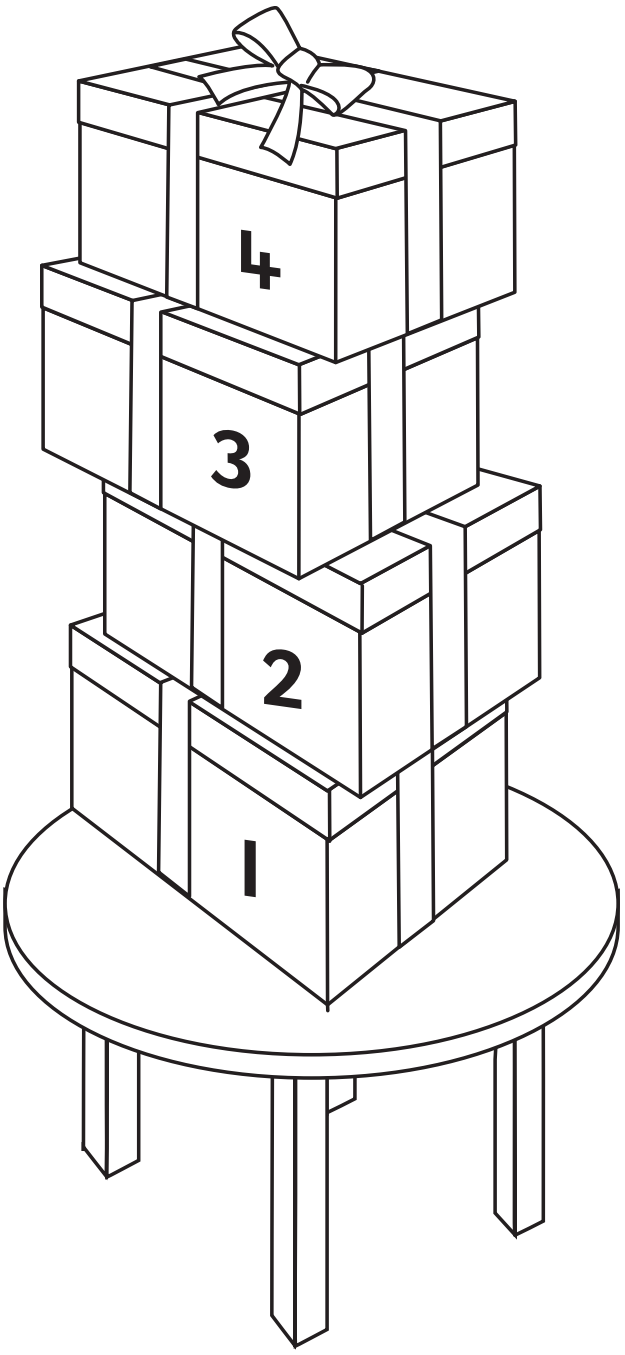
My last letter is **n**.

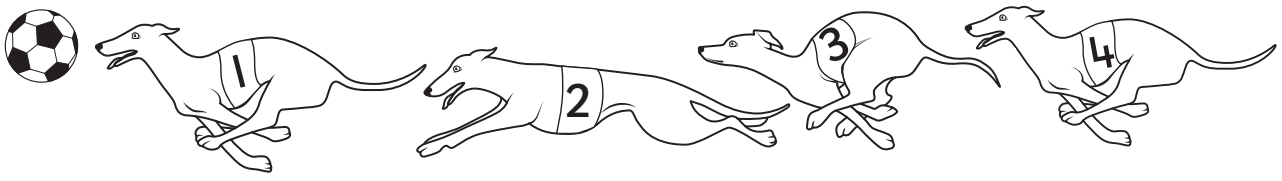
My 1st letter is **C**.

My 3rd letter is **a**.

My 2nd letter is **i**.







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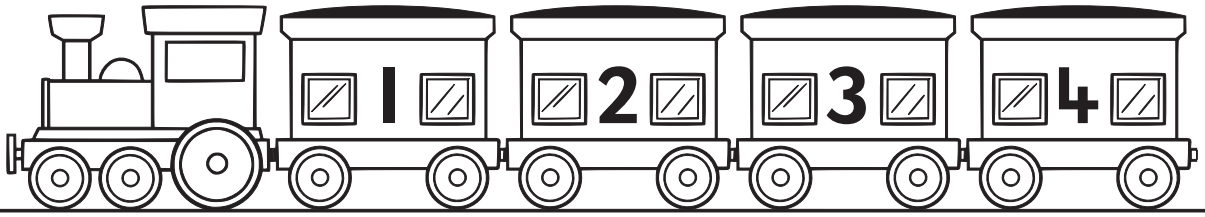
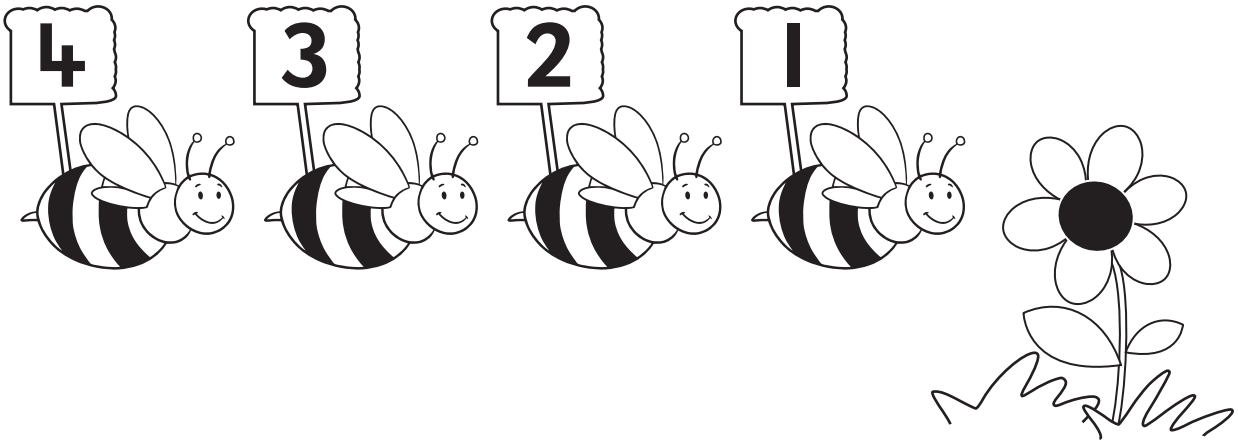

1
2
3
4


4
3
2
1


1
2
3
4

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Weekend

My Busy Week	Monday
Tuesday	Wednesday
Thursday	Friday
Saturday	Sunday

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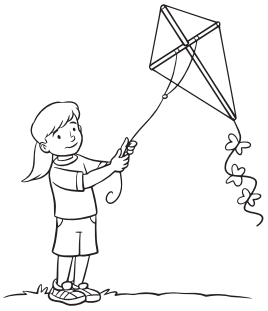

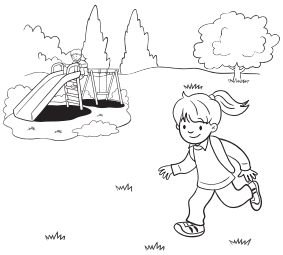









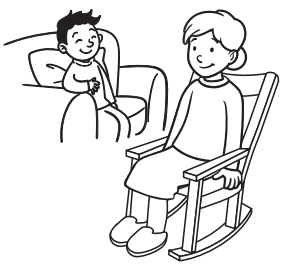

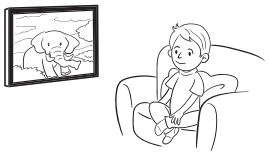





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January

February

March

April

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May

June

July

August

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September

October

November

December

CJFallon NORTHERN IRELAND

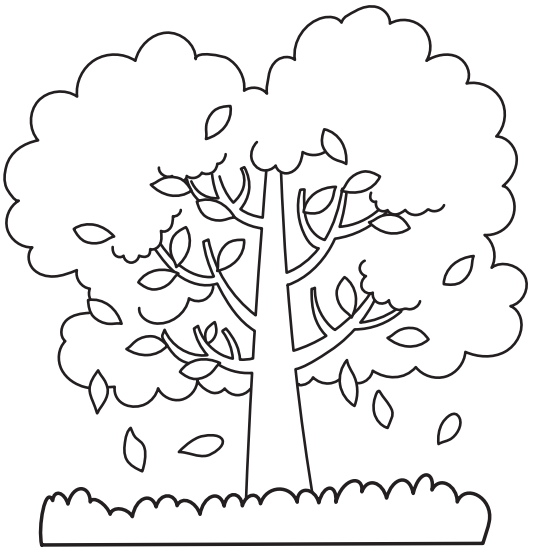
spring

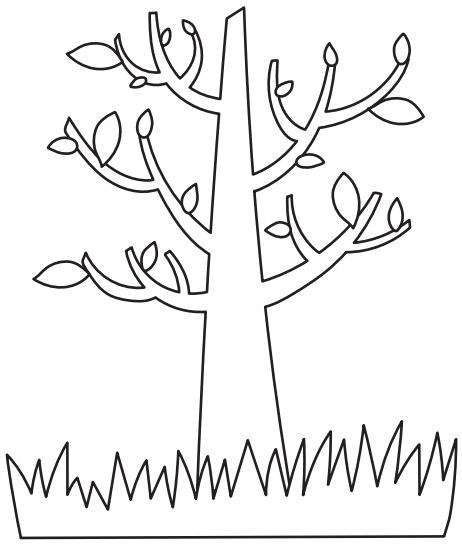
summer

autumn

winter

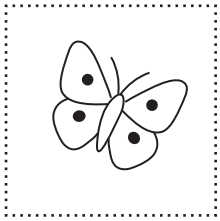
Note to teacher: Photocopy PCM x2



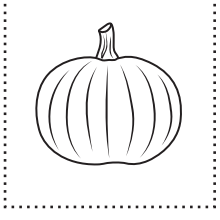


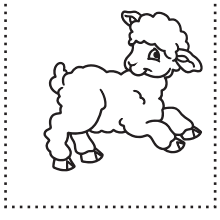






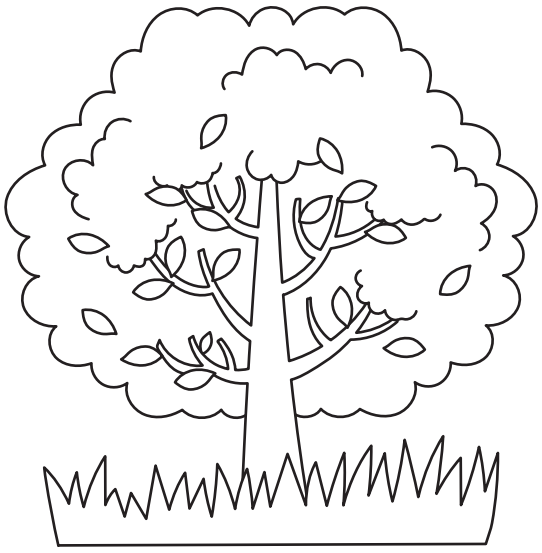


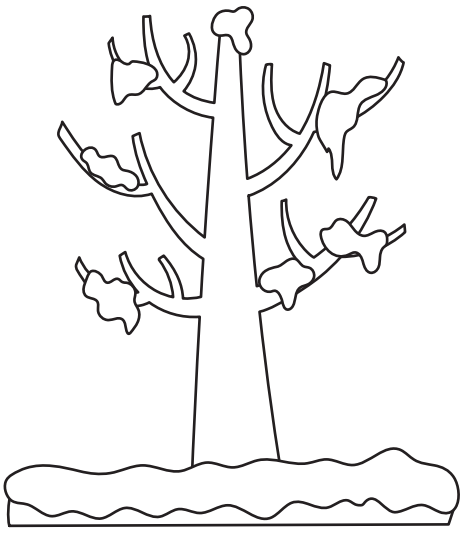




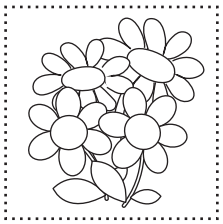




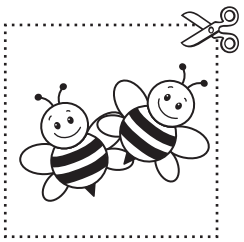


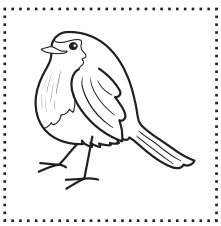


















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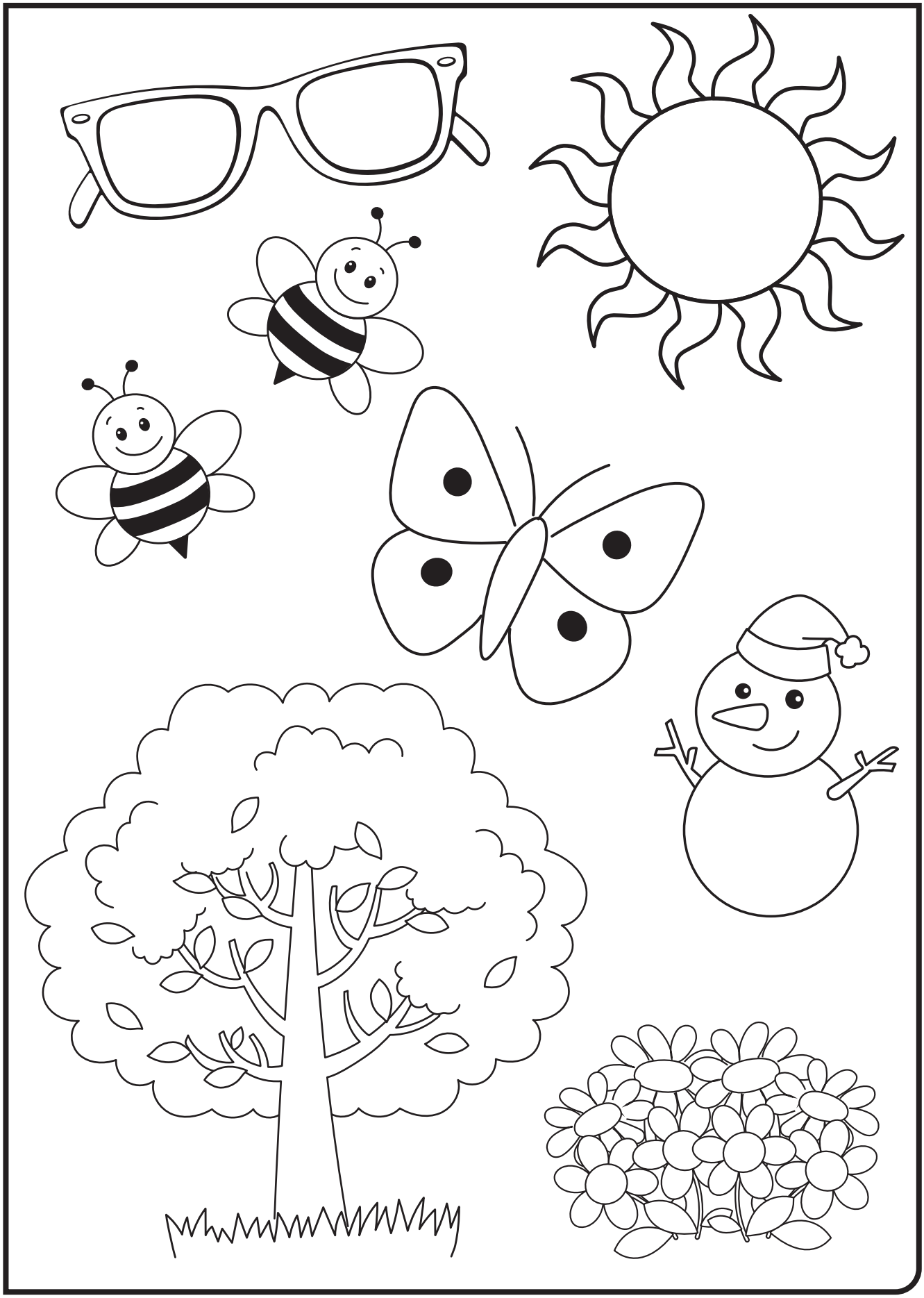
Summer



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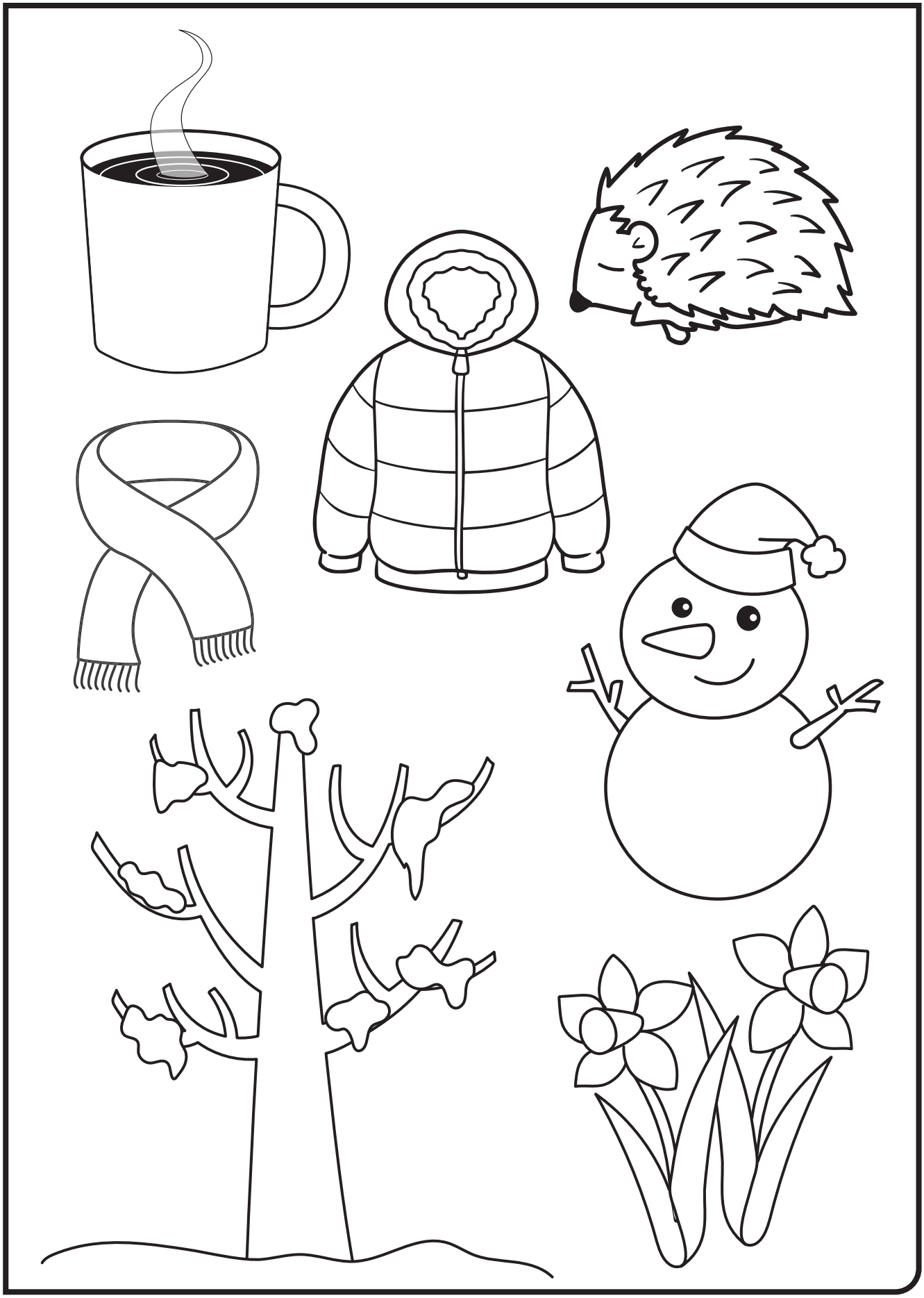
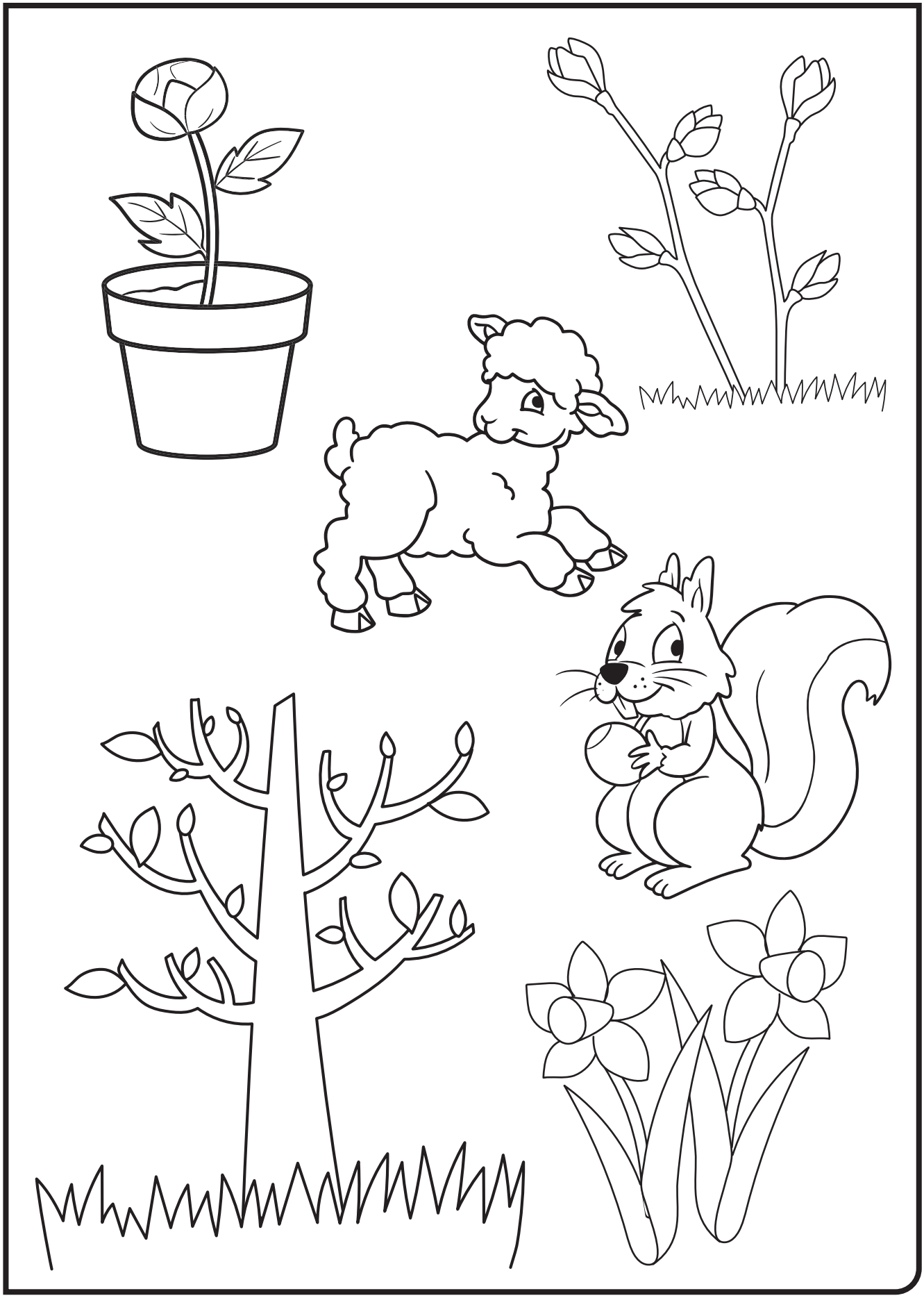
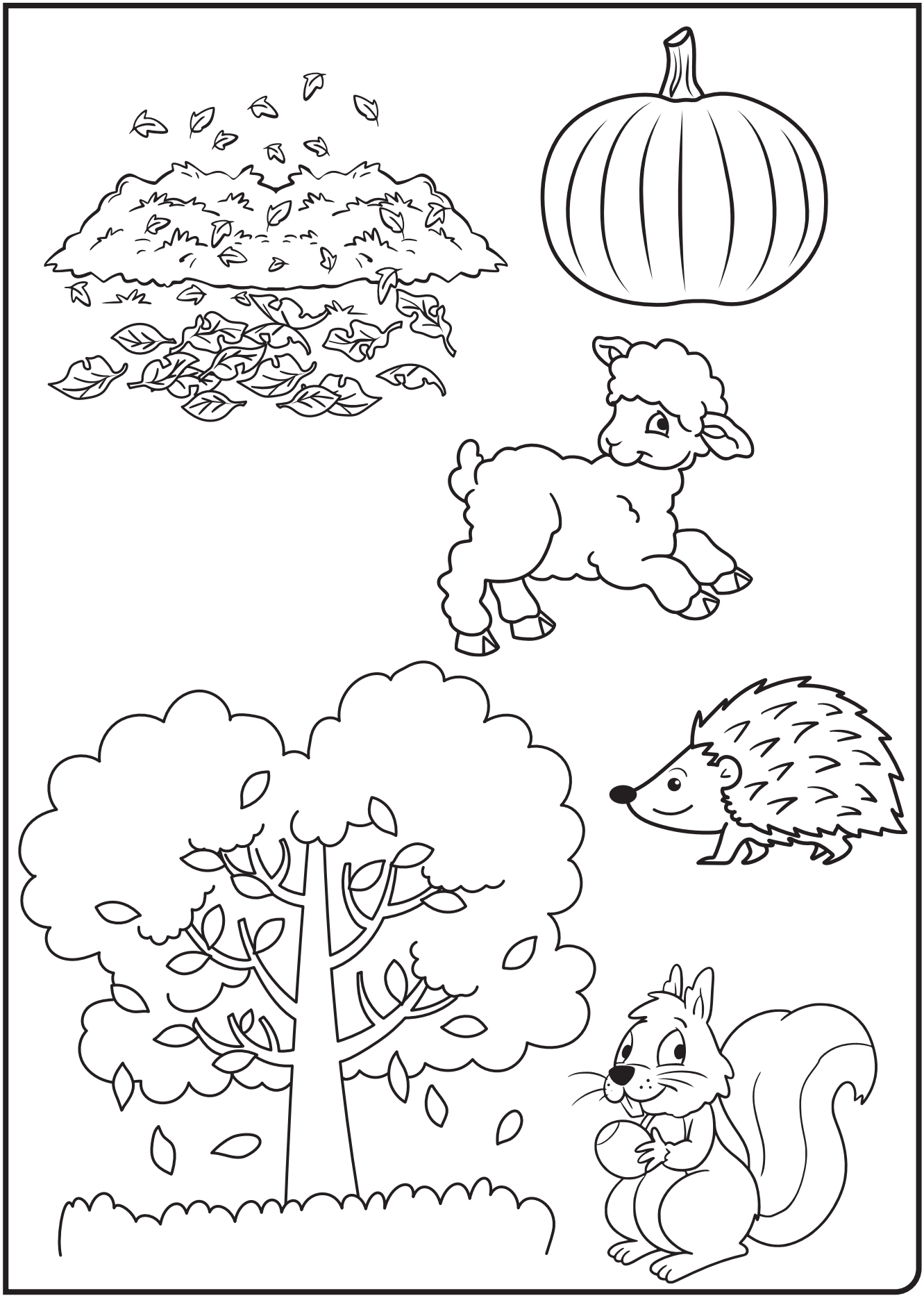
Winter



Spring



Autumn



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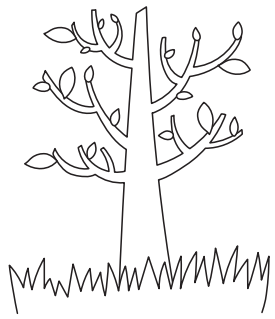
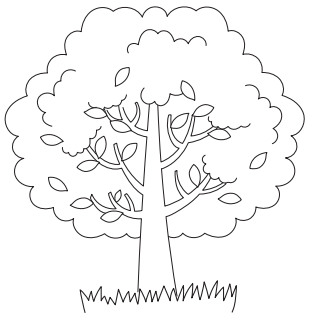
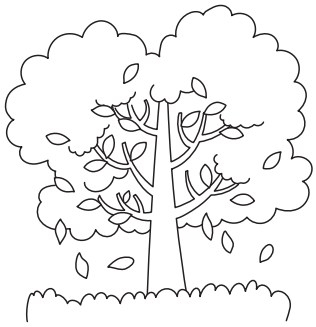
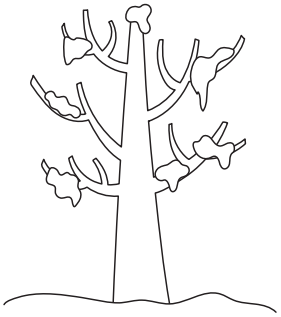
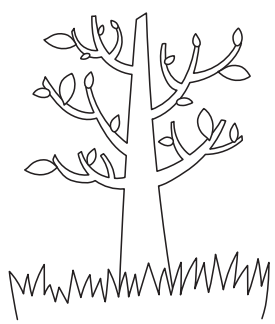
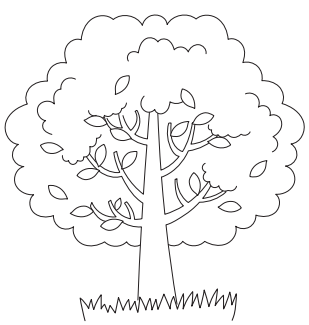
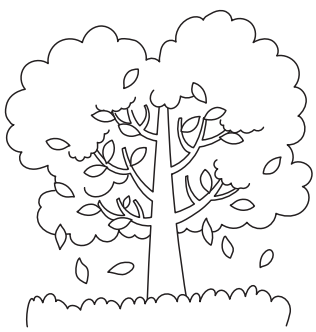
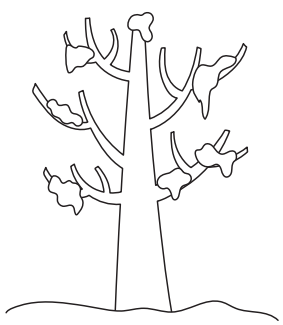
Put the season trees in order. Start with spring.

1	2	3	4
			

1	2	3	4
			

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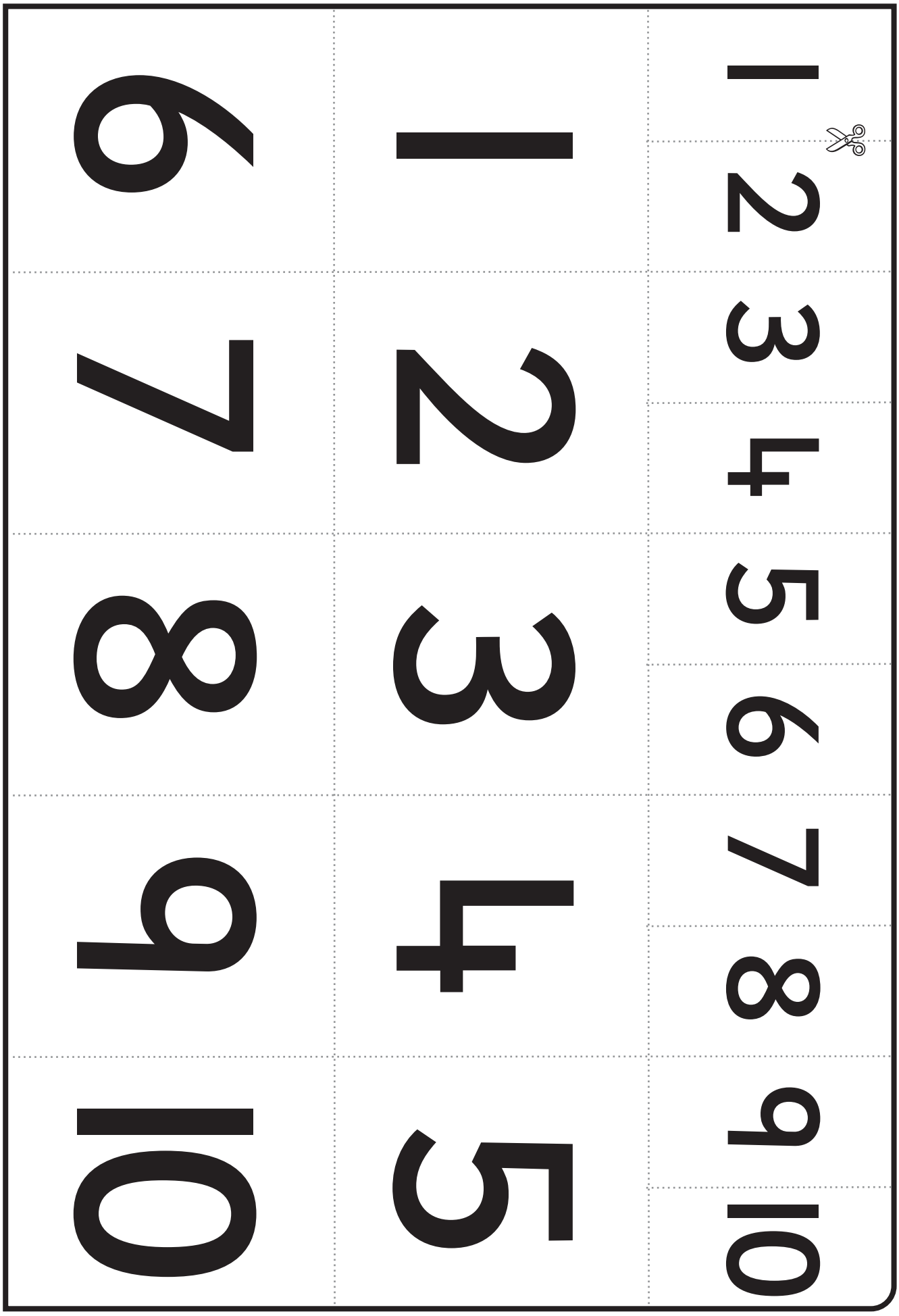

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11	11	16
12	12	17
13	13	18
14	14	19
15	15	20
16		
17		
18		
19		
20		

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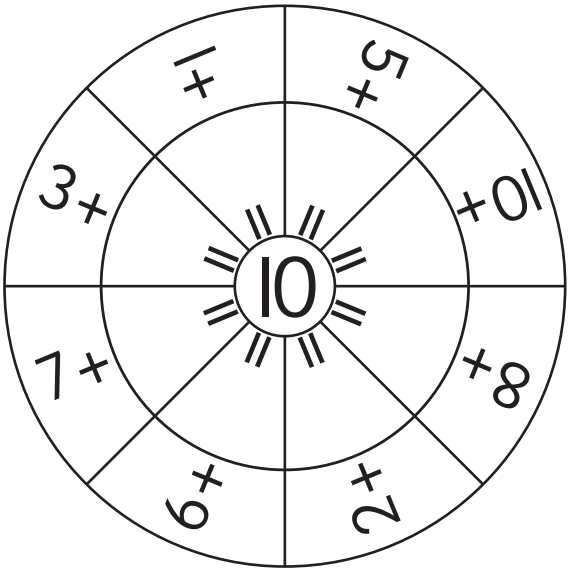
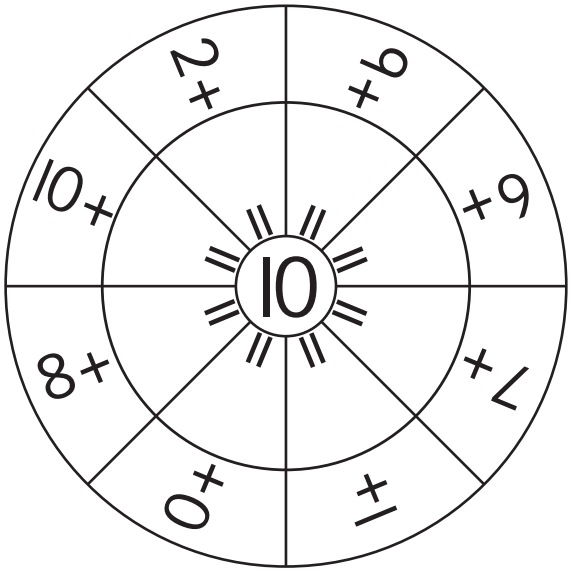
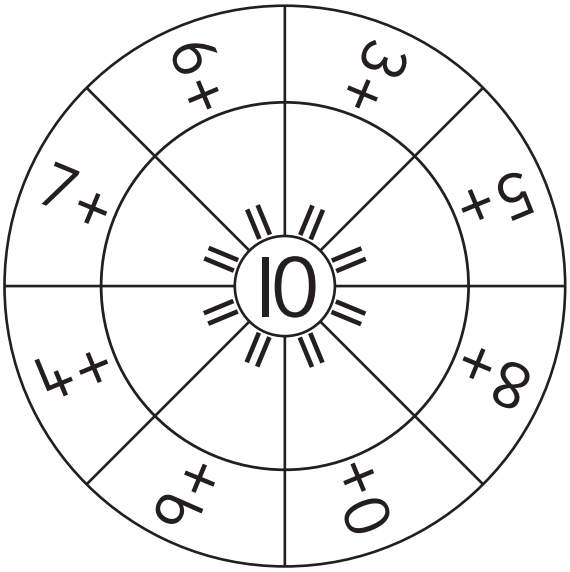
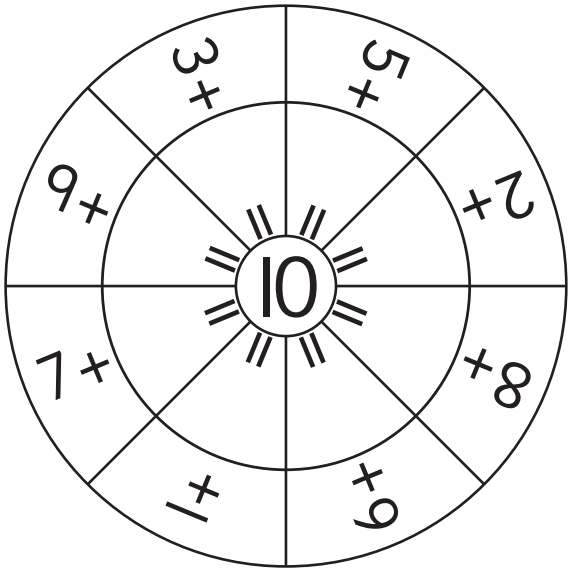
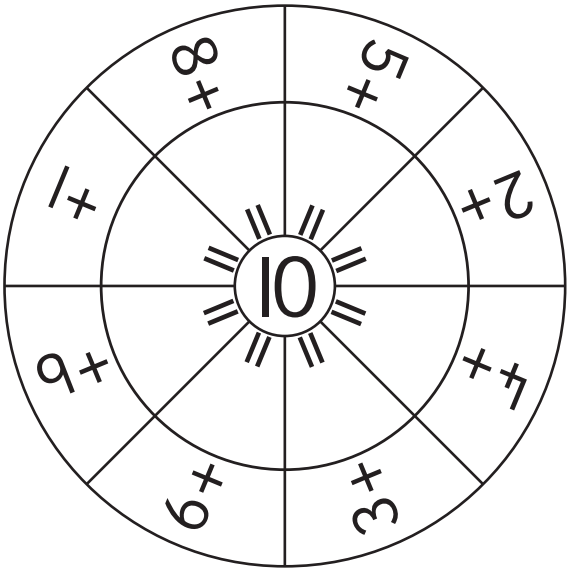
Fill in the missing numbers to make 10.

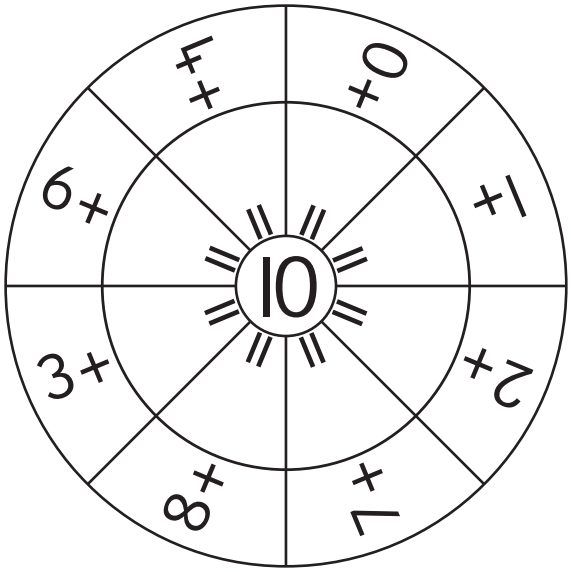












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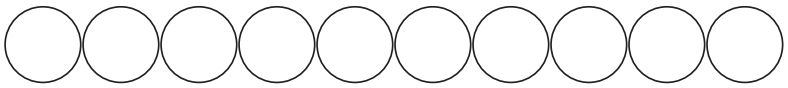
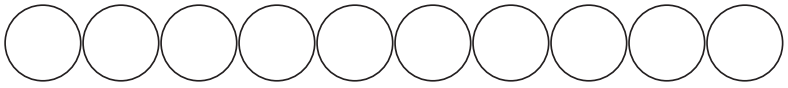
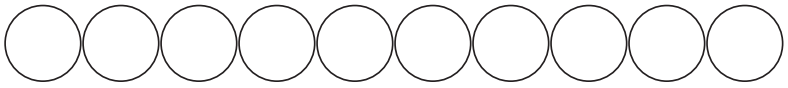
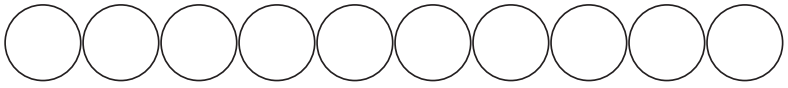
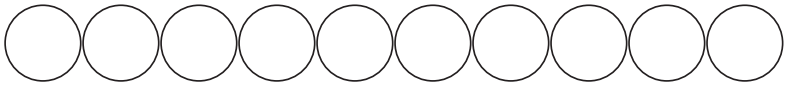
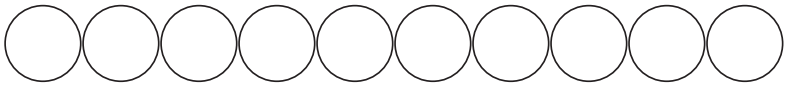
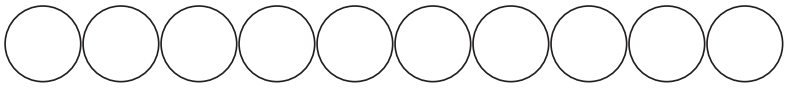
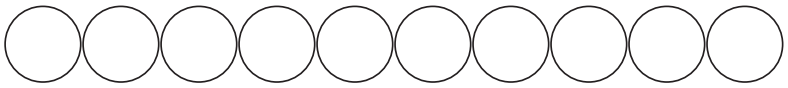
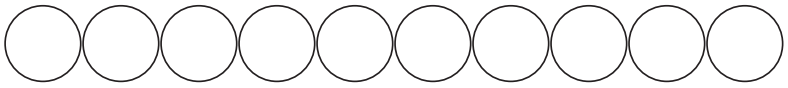
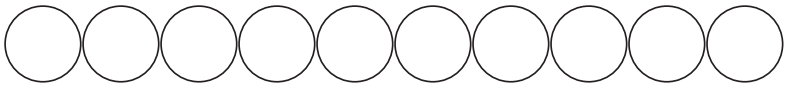
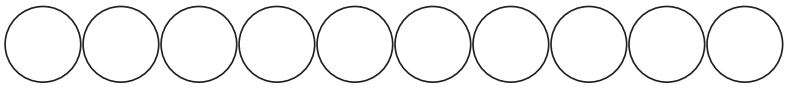
Colour the circles and write the sums to show the story of ten.

	0 + 10 = 10
	+ =
	+ =
	+ =
	+ =
	+ =
	+ =
	+ =
	+ =
	+ =
	+ =

1 + 1	6 + 6
2 + 2	7 + 7
3 + 3	8 + 8
4 + 4	9 + 9
5 + 5	10 + 10

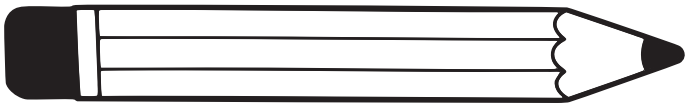
$8 + 3$	$9 + 2$
$8 + 4$	$7 + 5$
$9 + 3$	$8 + 6$
$9 + 5$	$8 + 5$
$7 + 4$	$9 + 7$

Find two numbers that make a double or a number bond of ten and write the answer to each sum.

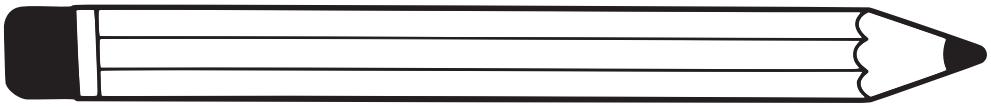
4 + 4 + 6 = ☐	3 + 3 + 5 = ☐
5 + 6 + 5 = ☐	6 + 2 + 6 = ☐
7 + 3 + 5 = ☐	6 + 3 + 4 = ☐
8 + 6 + 2 = ☐	9 + 7 + 1 = ☐
7 + 4 + 7 = ☐	9 + 9 + 1 = ☐
4 + 6 + 8 = ☐	7 + 7 + 5 = ☐

$$\begin{array}{r} 2 \\ 5 \\ +8 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ 7 \\ +6 \\ \hline \end{array} \qquad \begin{array}{r} 7 \\ 8 \\ +3 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ 9 \\ +9 \\ \hline \end{array}$$

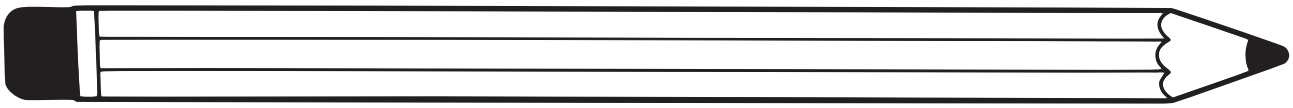
long

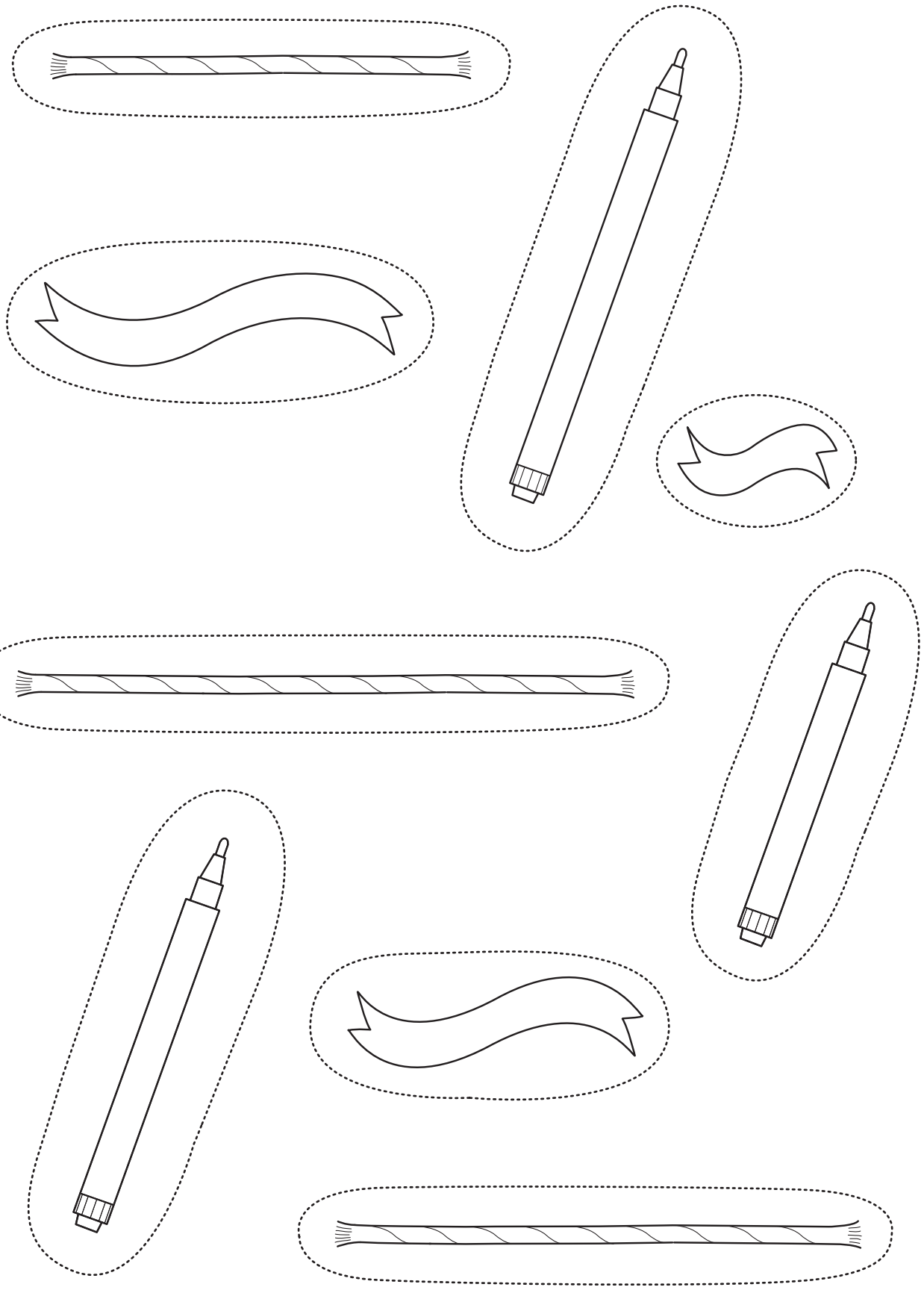


longer

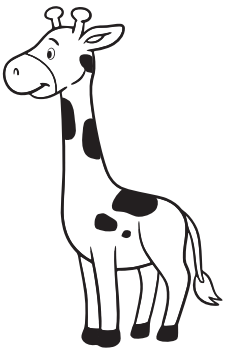


longest





tall



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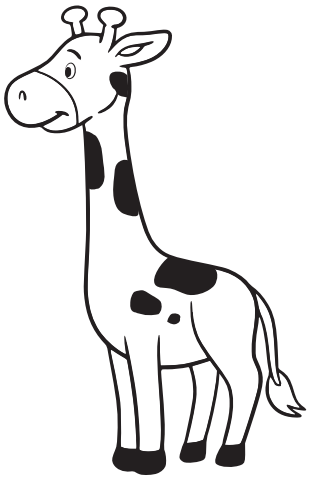
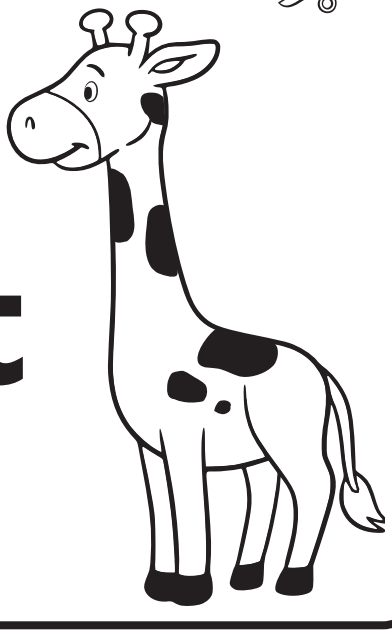


tallest



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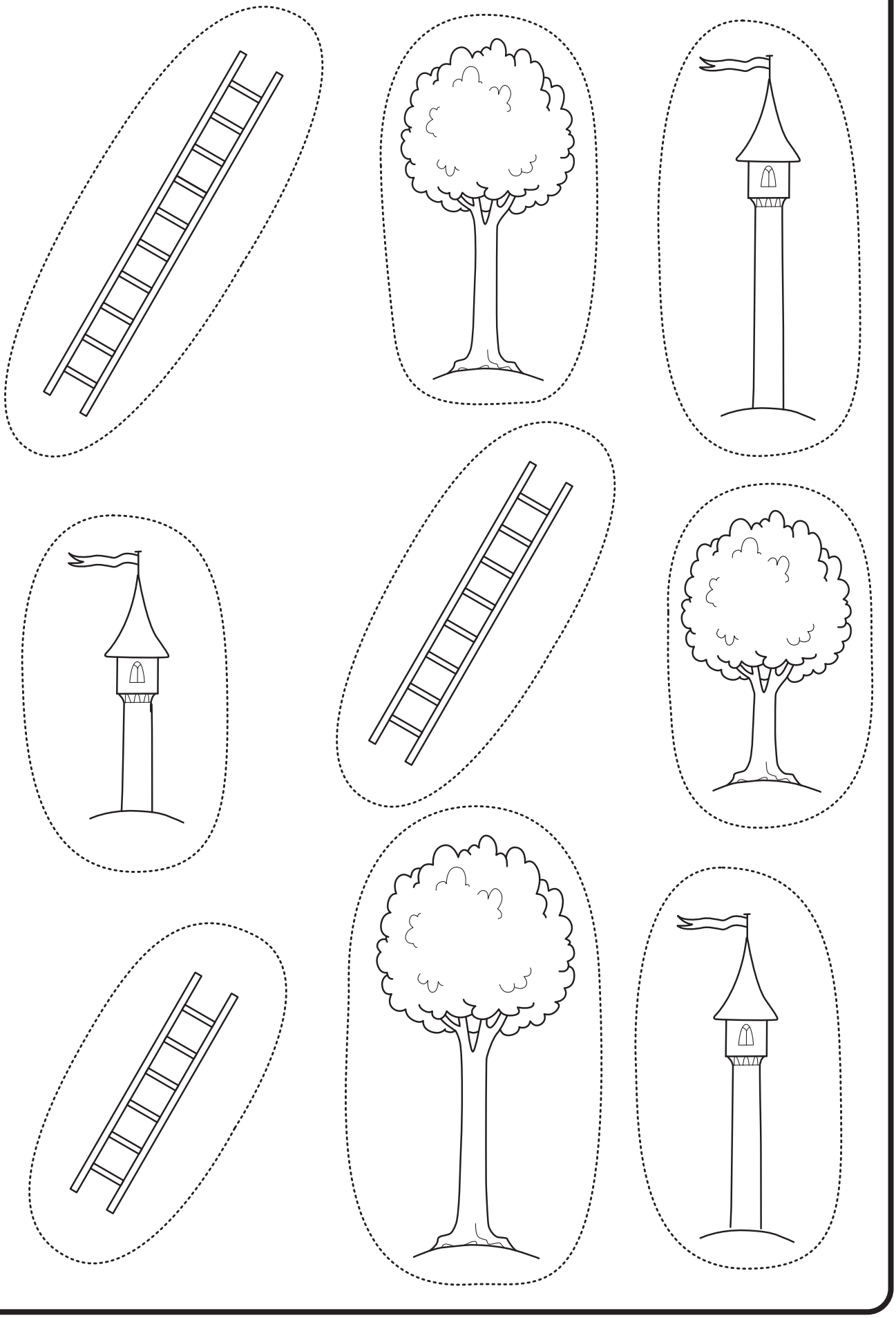
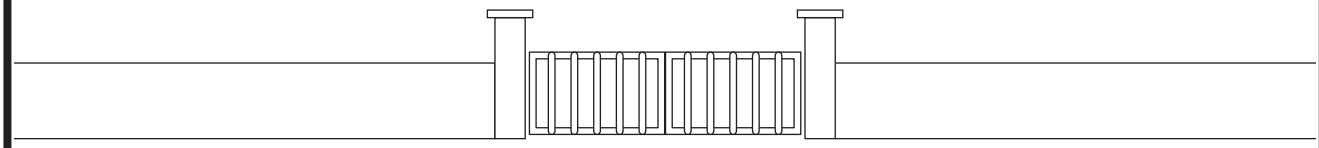
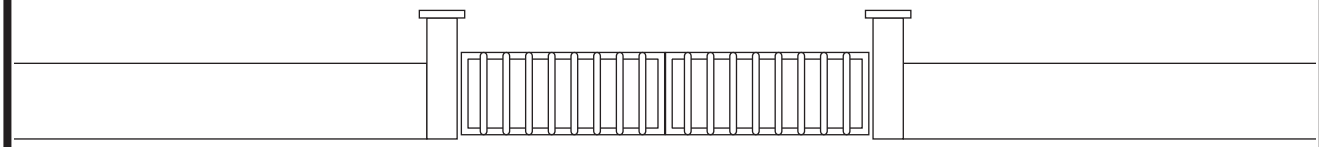


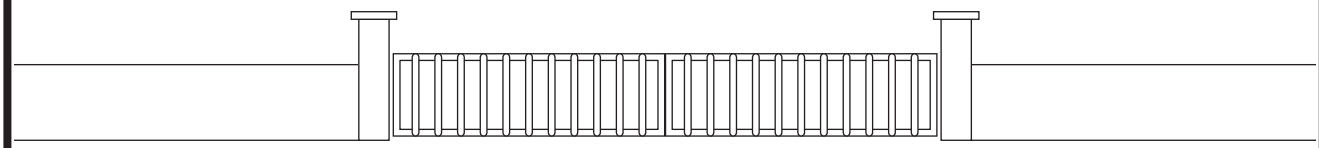
wide

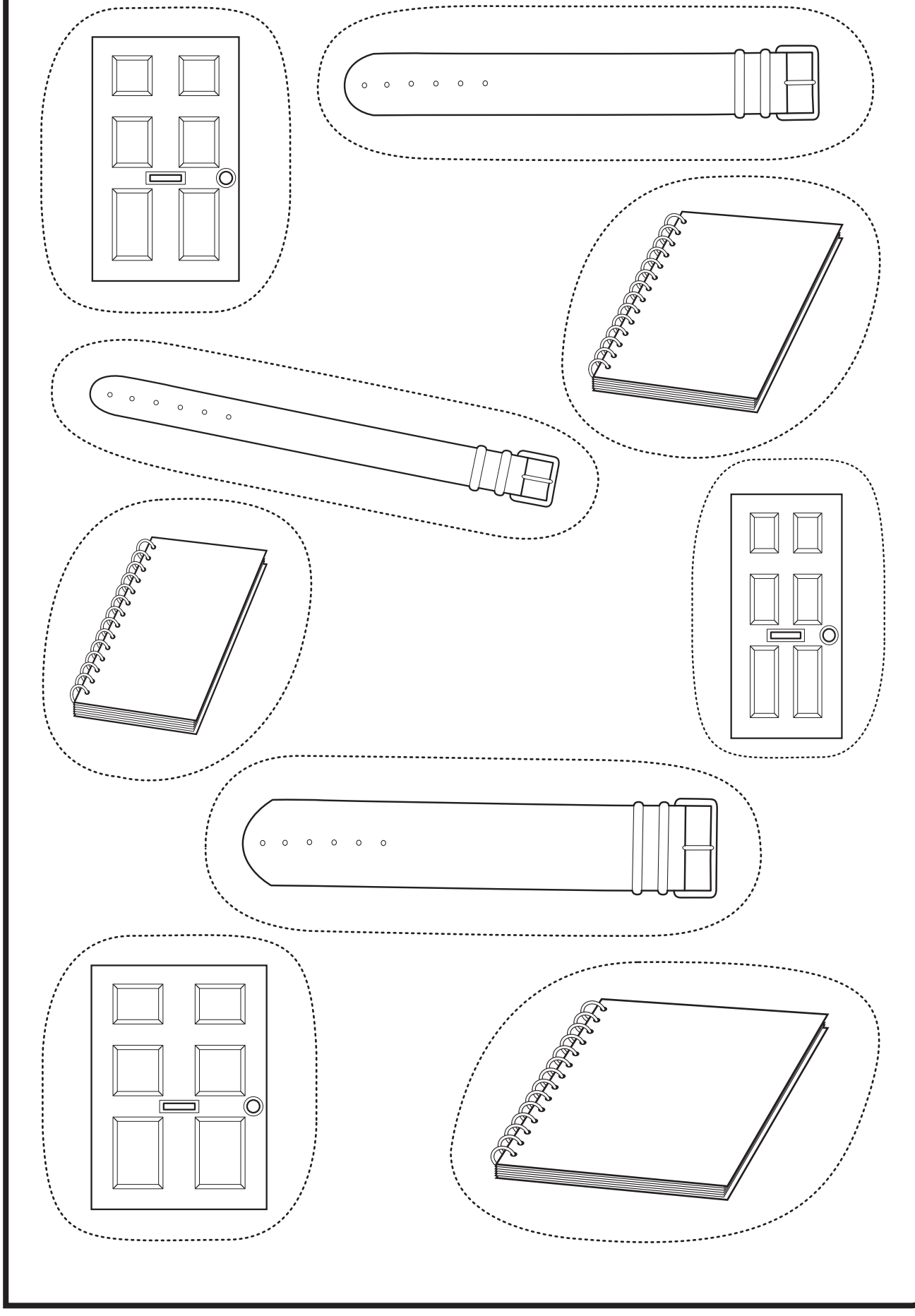


wider

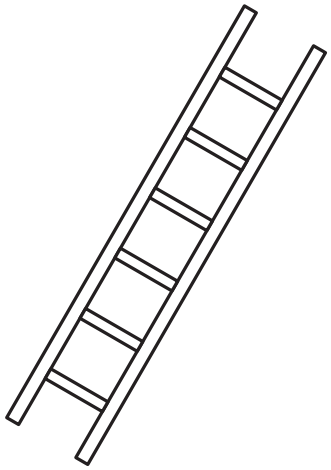


widest

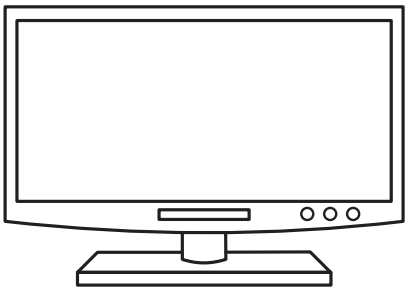




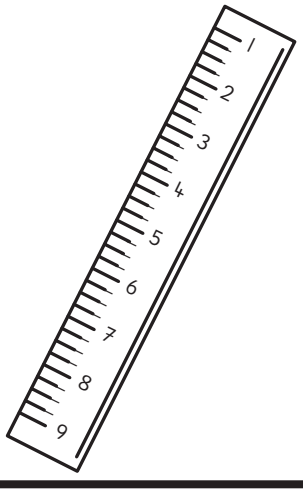
1. Draw something that is shorter/taller than a ladder.

shorter		taller
		

2. Draw something that is narrower/wider than a television.

narrower		wider
		

3. Draw something that is shorter/longer than a ruler.

shorter		longer
		

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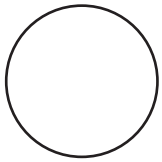
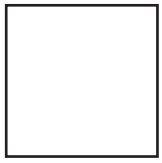
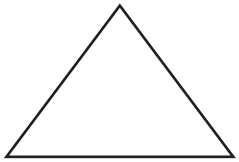
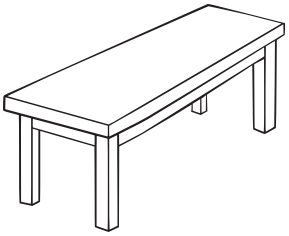
circle	
square	
triangle	
rectangle	

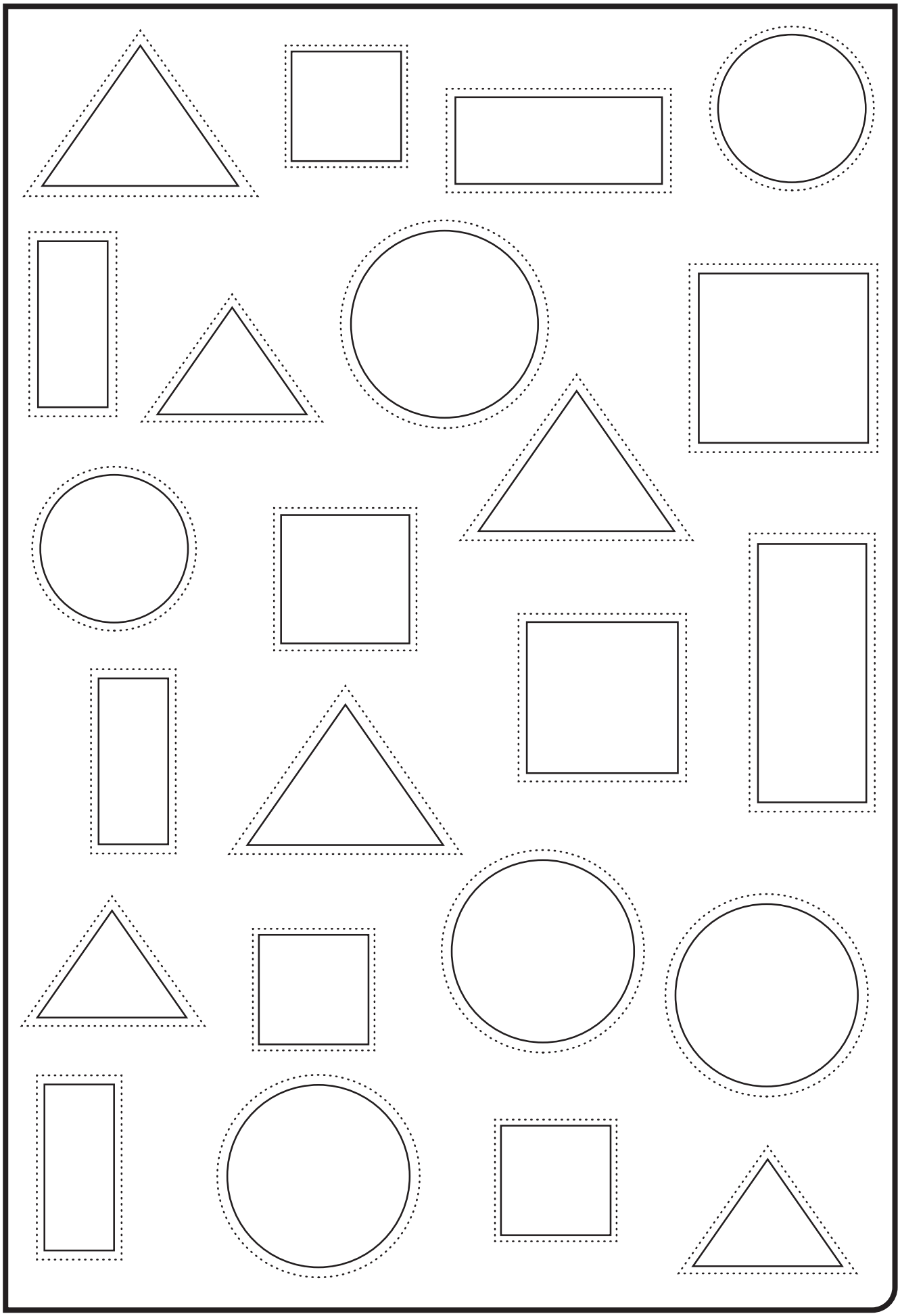
rectangle

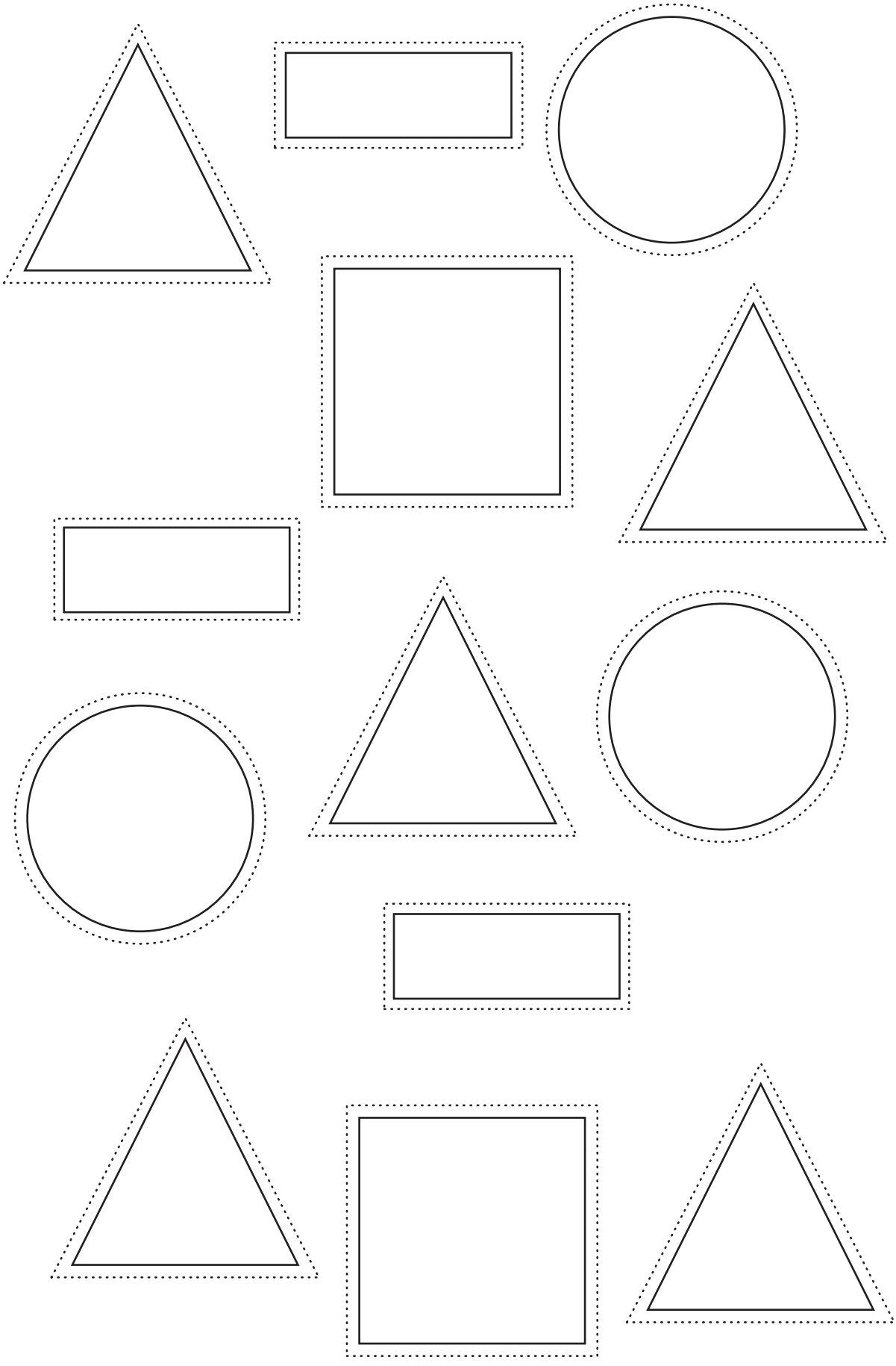


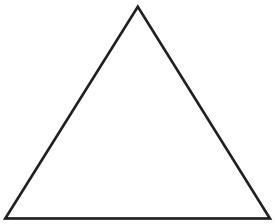
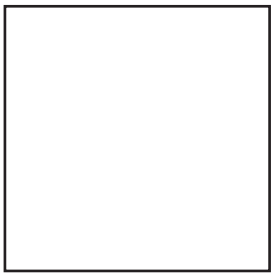
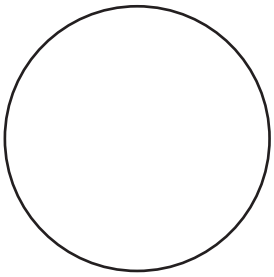
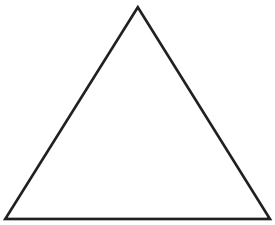
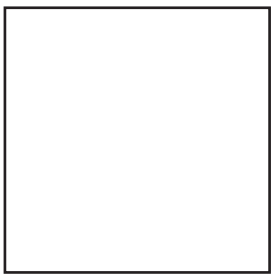
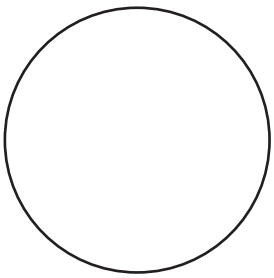
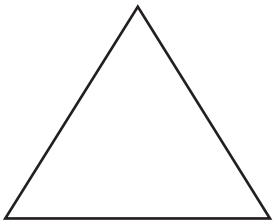
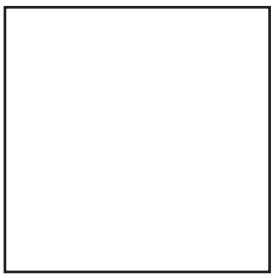
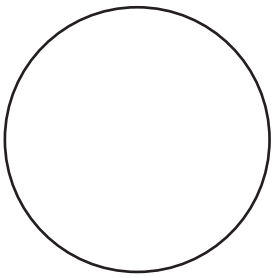
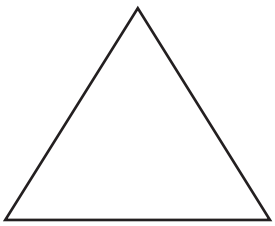
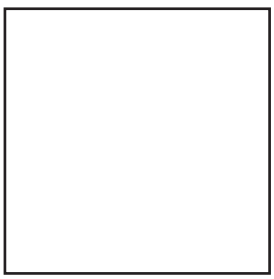
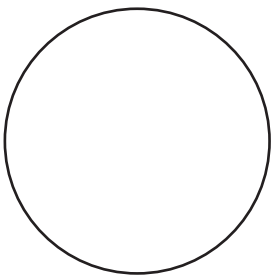
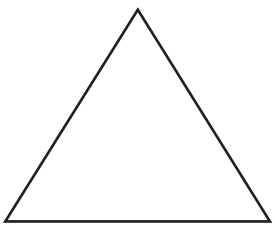
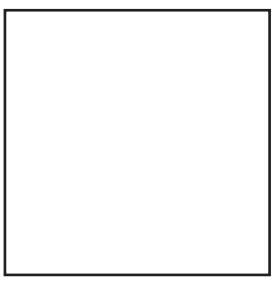
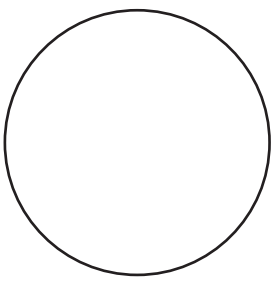
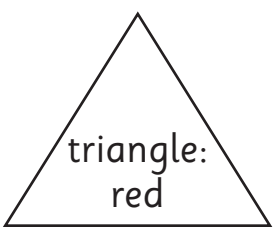
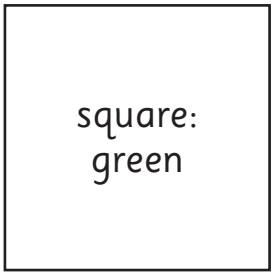
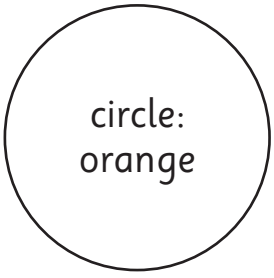
square

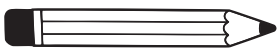
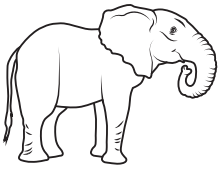
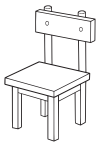
circle

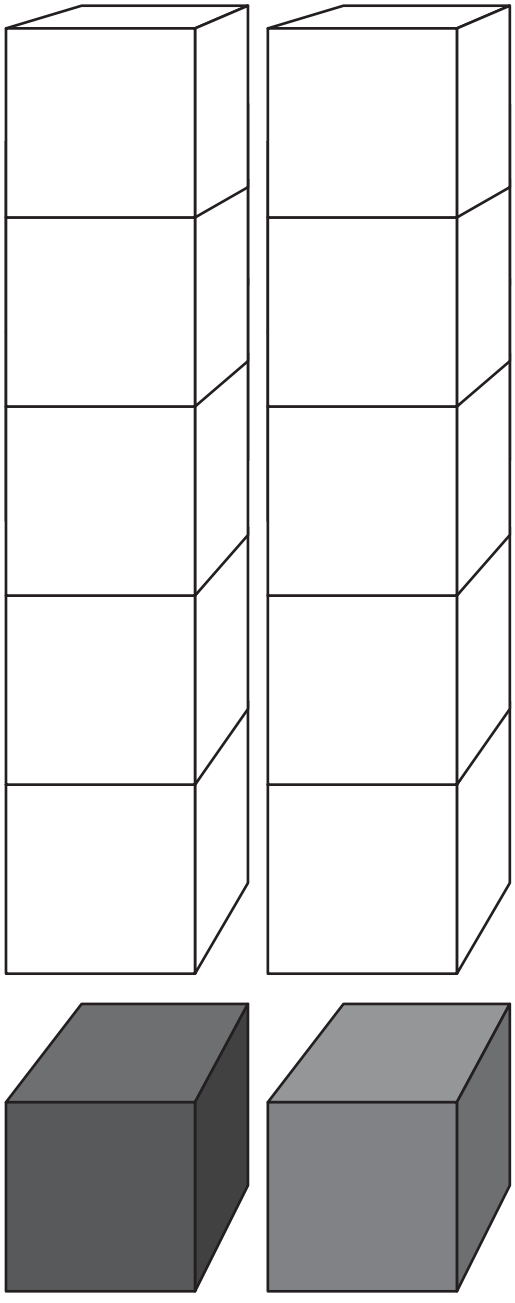
triangle





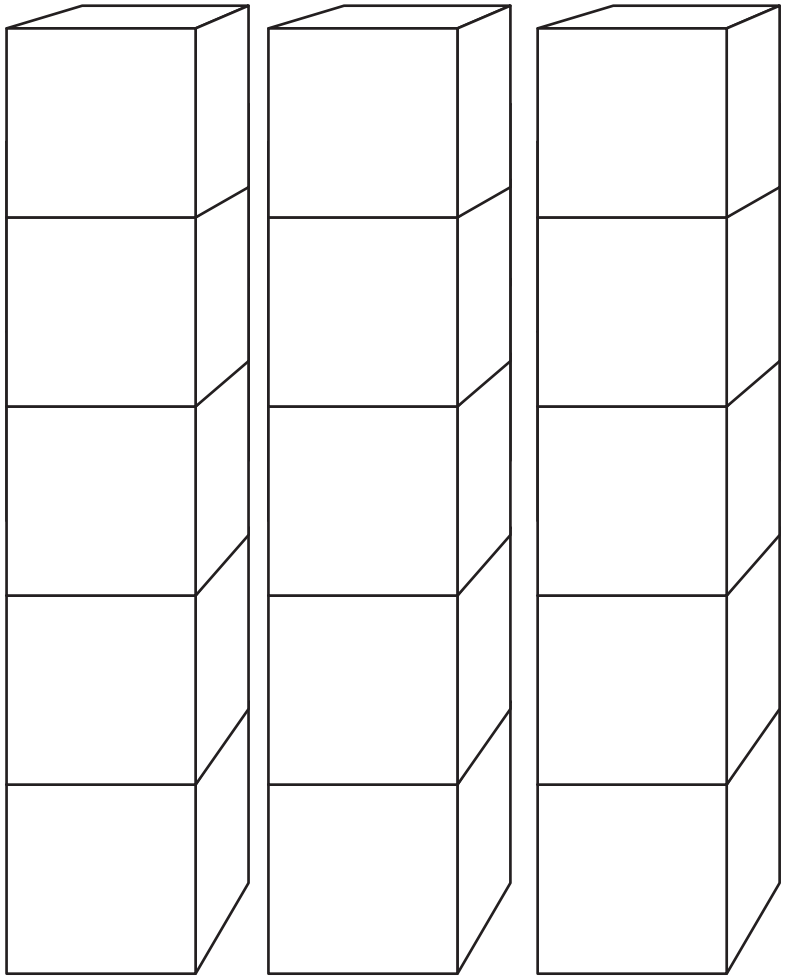
			
			
			
			
			
 triangle: red	 rectangle: blue	 square: green	 circle: orange

hard 	**soft** 
big 	**small** 
has wheels 	**has no wheels** 
has eyes 	**has no eyes** 



red cube

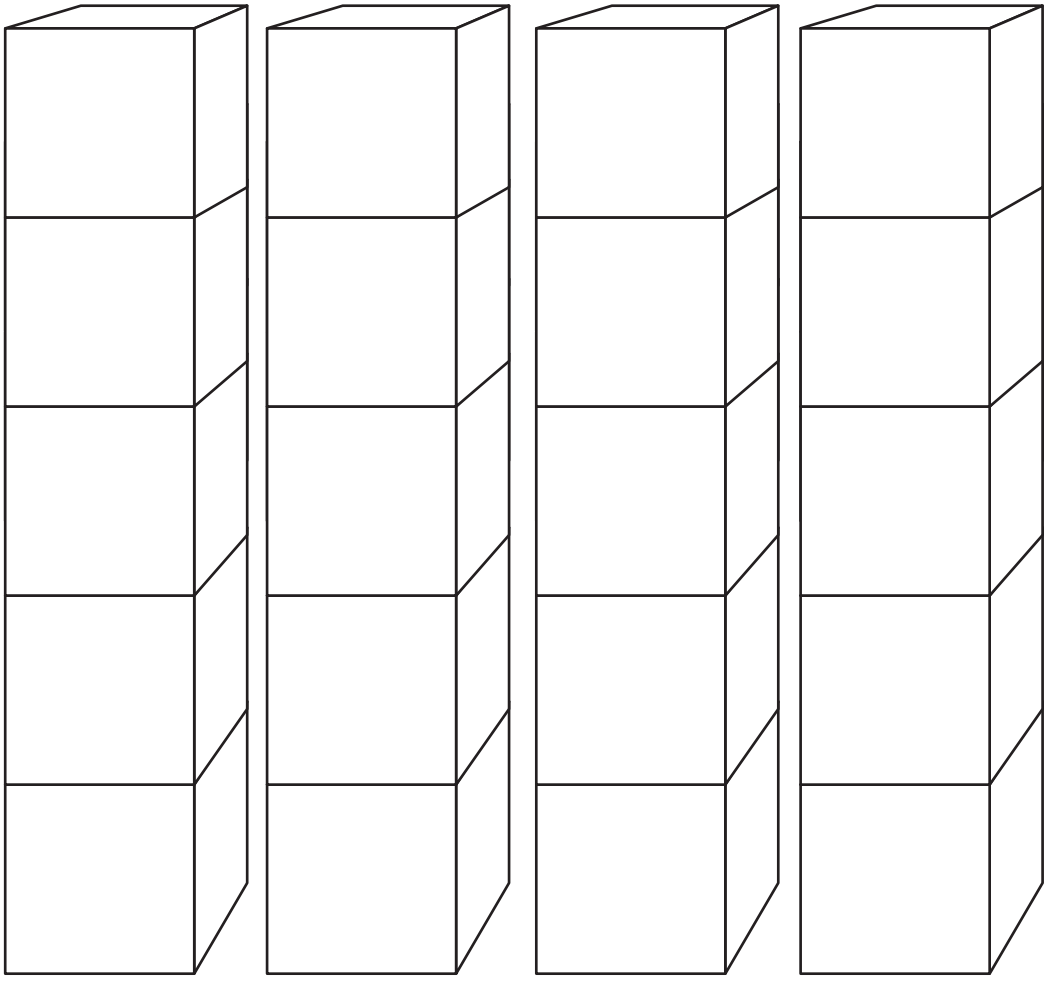
green cube



red cube

green cube

blue cube



red cube

green cube

blue cube

yellow cube

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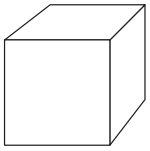
a



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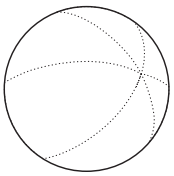
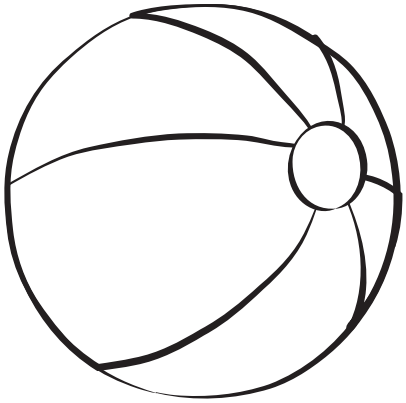
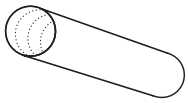


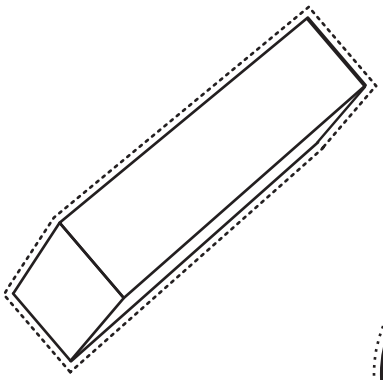


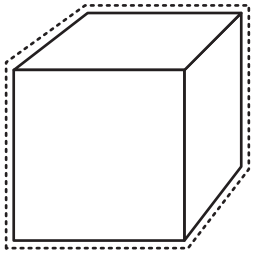
c

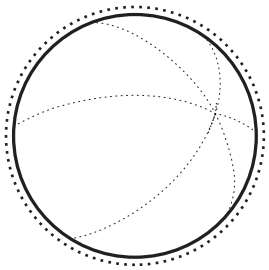


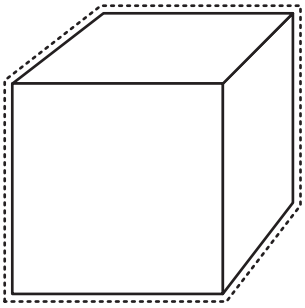
d

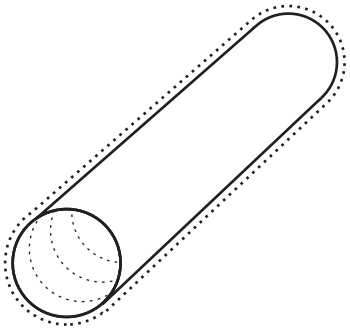


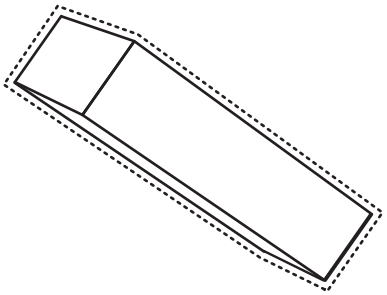


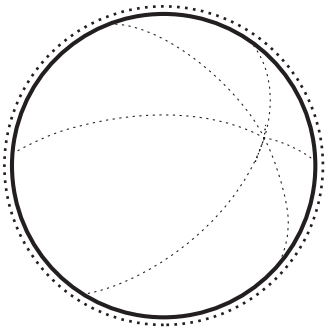


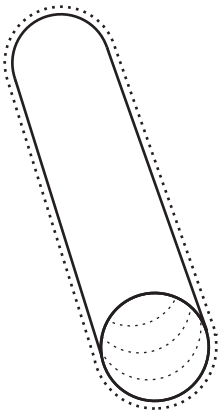


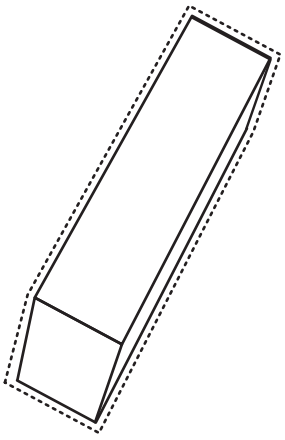












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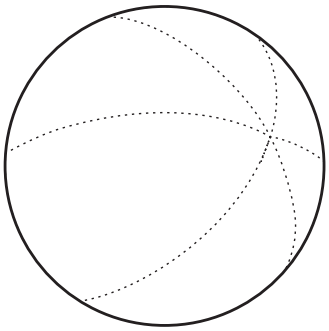
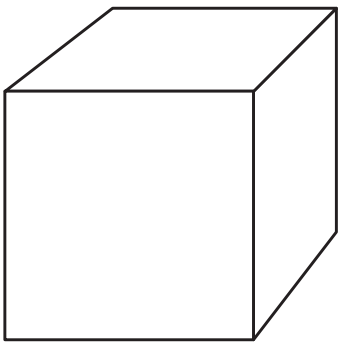
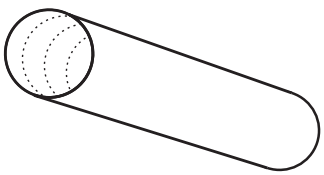
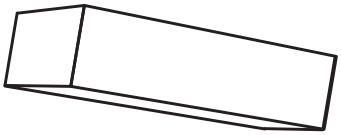
Shape	Number of faces	Real things
a  s ___ ___ ___ ___	flat faces ☐ curved faces ☐ total faces ☐	
b  c ___ ___ ___	flat faces ☐ curved faces ☐ total faces ☐	
c  c ___ l ___ n ___ e ___	flat faces ☐ curved faces ☐ total faces ☐	
d  c ___ ___ ___ ___ ___	flat faces ☐ curved faces ☐ total faces ☐	

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Listen to the teacher read the clues. Guess the shape.

a What am I?
I don't have any flat faces.
I am fully round.
I am like a ball.

I am a _____.

b What am I?
I have six flat faces.
I have eight corners.
All my faces are the same size.

I am a _____.

c What am I?
I have three faces.
One face is curved.
Two of my faces are flat.
I am like a pipe.

I am a _____.

d What am I?
Not all of my faces are the same size.
New shoes come in my shape.
Cereal boxes are in my shape.
Some of my faces are the same size.

I am a _____.

e What am I?
I have only one face.
My face is not flat.
I have no corners.

I am a _____.

f What am I?
I have eight corners.
I have six flat faces.
Only my opposite faces are the same size.

I am a _____.

g What am I?
Two of my faces are in the shape of a circle.
I have only one other face.
This face is curved.

I am a _____.

h What am I?
I have eight corners.
I have no curved faces.
Ice from the fridge is usually in my shape.

I am a _____.

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Turn it around.	Push it over.
Stand it up tall.	Place it on its side.
Flip it over.	Slide it along the table.

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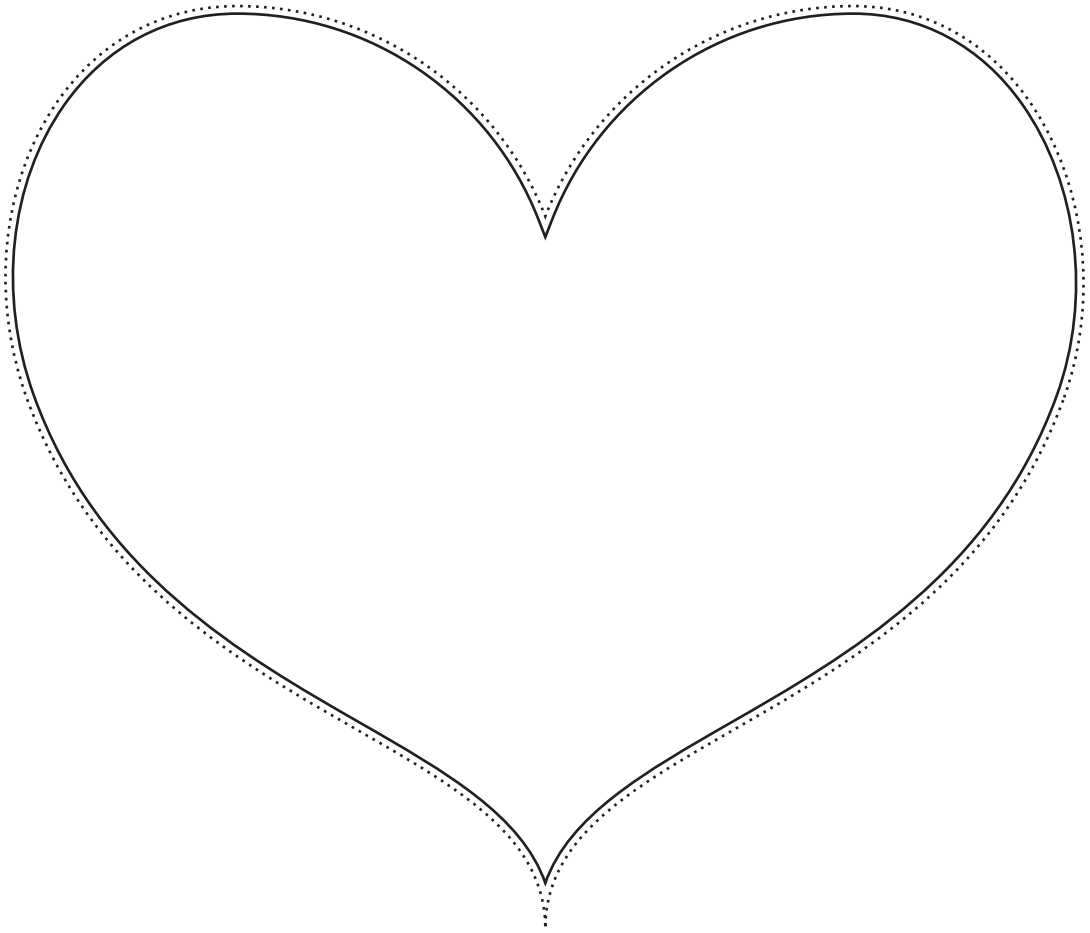
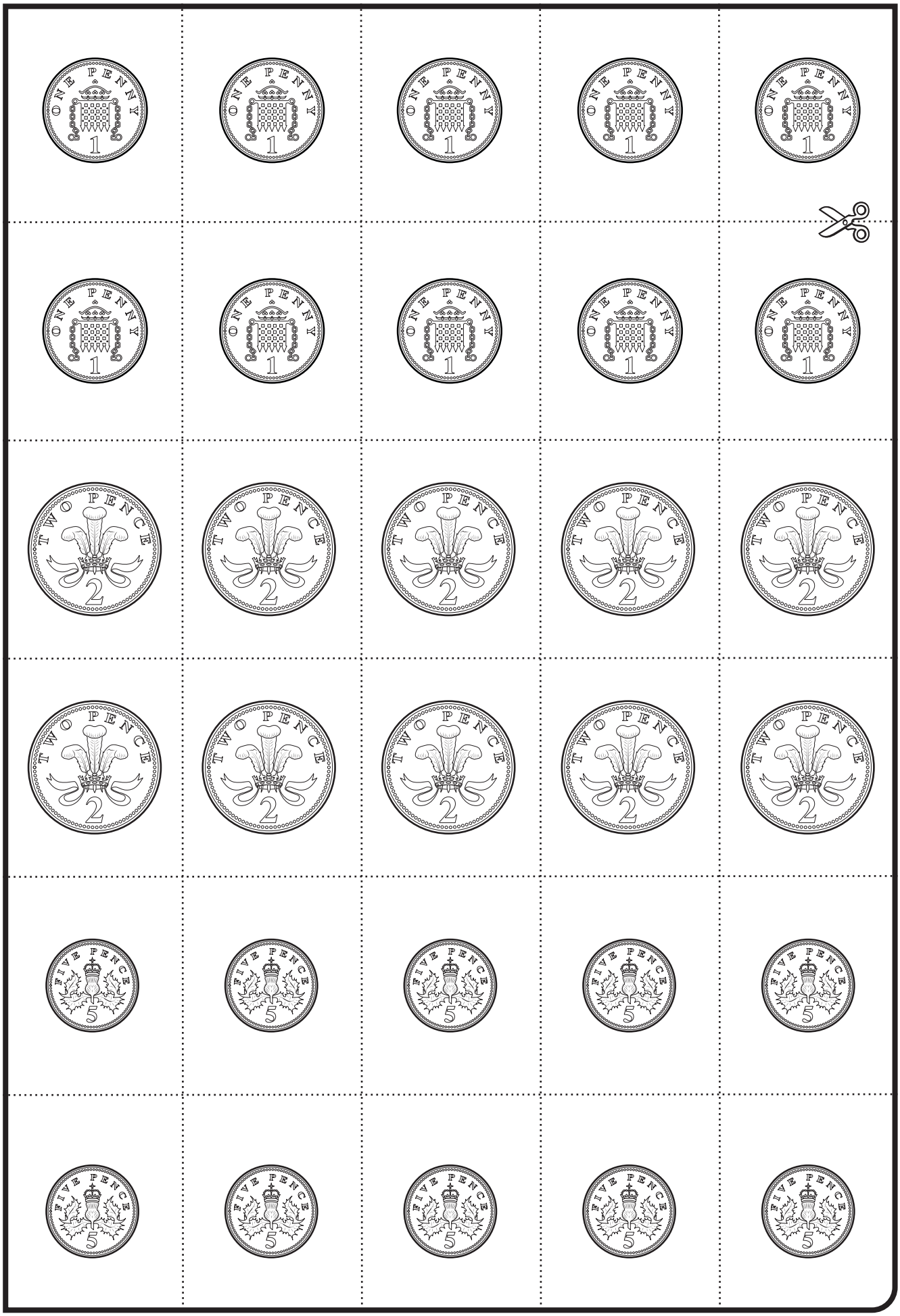


Notation Board

t	u

CJ Fallon NORTHERN IRELAND



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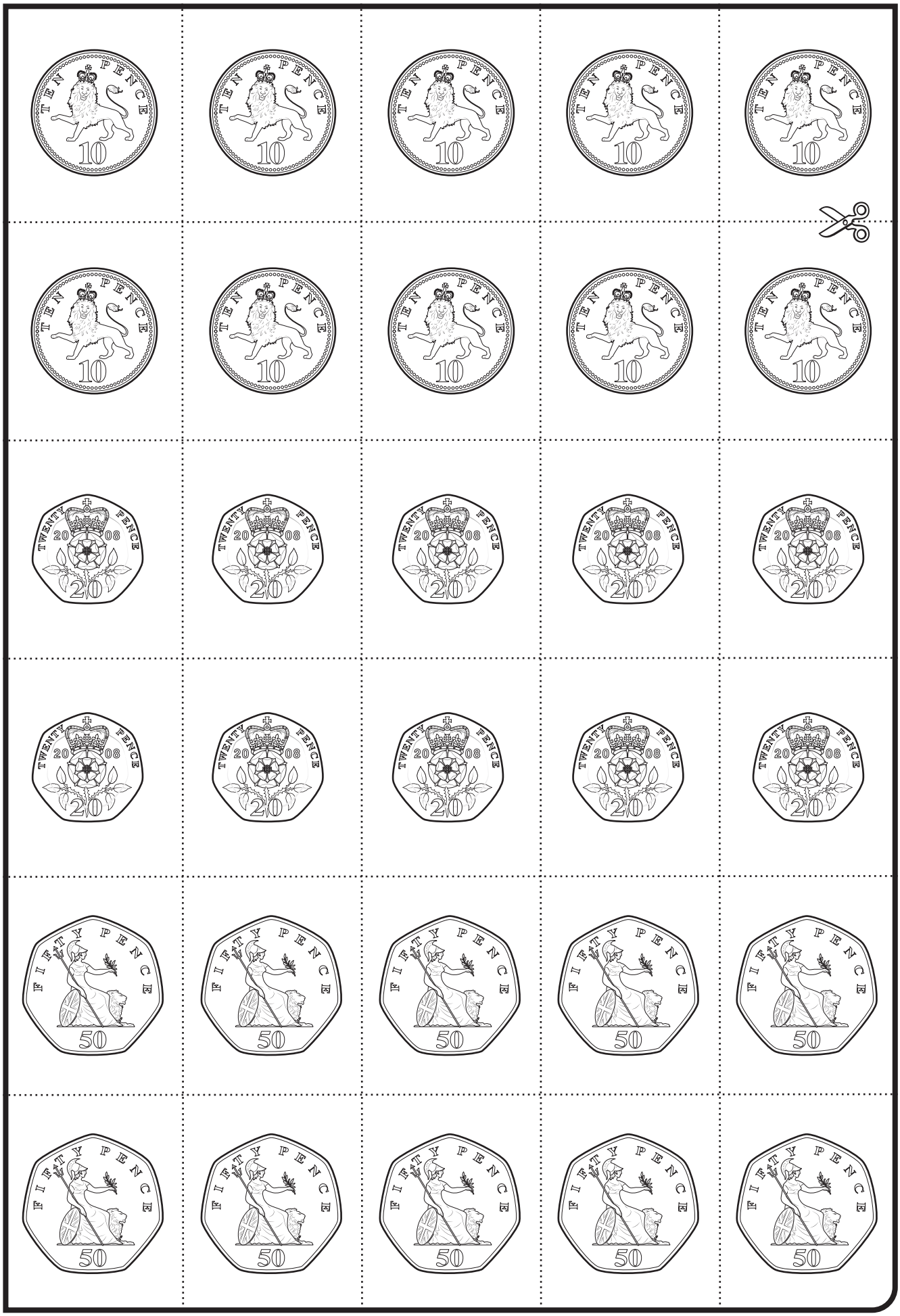

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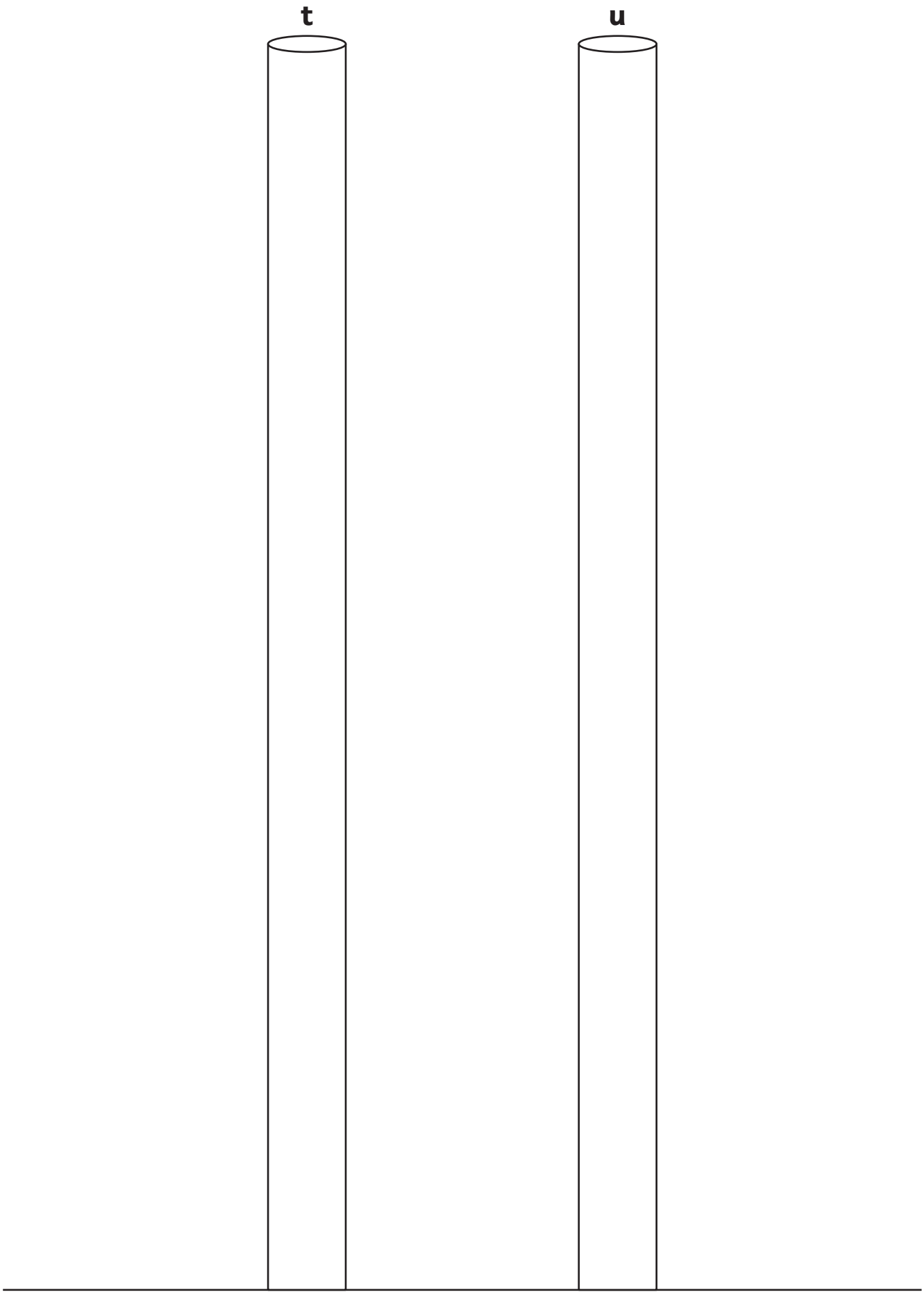
Abacus



CJFallon NORTHERN IRELAND

What's my number?

I have no tens.
I am an even number.
I am less than 8.
I am greater than 4.

I am ☐.

What's my number?

I have no tens.
I am an odd number.
I am greater than 7.
I am less than 10.

I am ☐.

What's my number?

I have one ten.
I have some units.
My units are greater than 6.
My units are less than 8.

I am ☐.

What's my number?

I have one ten.
I have some units.
My units are less than 9.
My units are greater than 7.

I am ☐.

What's my number?

I have some units.
I don't have 6 units.
I have half of that number of units.
I have no tens.

I am ☐.

What's my number?

I have some units.
I don't have 8 units.
I have half of that number of units.
I have one ten.

I am ☐.

What's my number?

I have some units.
I don't have 2 units.
I do have double that number of units.
I have one ten.

I am ☐.

What's my number?

I have some units.
I don't have 10 units.
I have half of that number of units.
I have no ten.

I am ☐.

What's my number?

I have one ten.
I have some units.
My units come after 5.
My units come before 7.

I am ☐.

What's my number?

I have some units.
I have no ten.
My units come before 10.
My units come after 8.

I am ☐.

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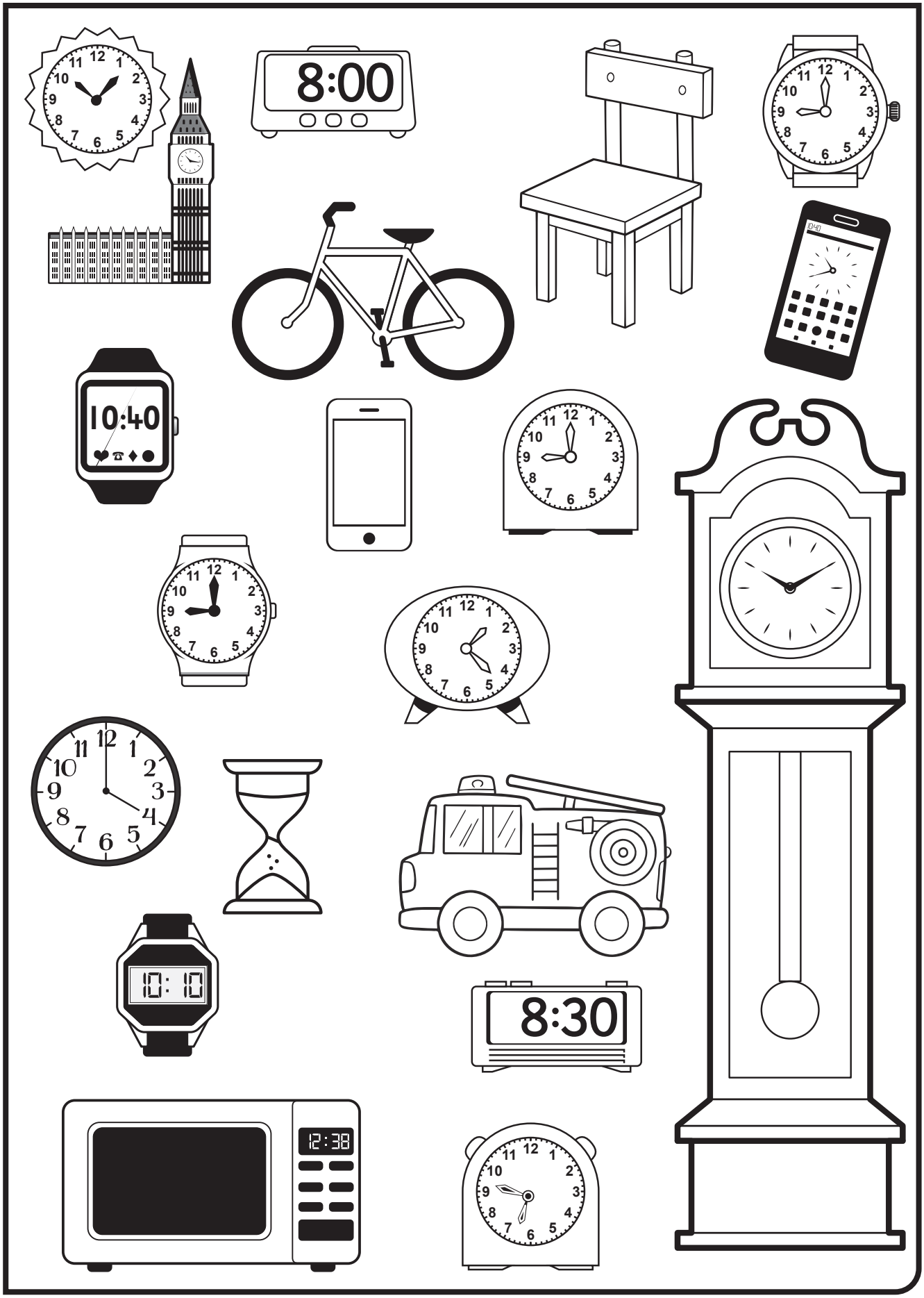
Colour the objects that tell the time.



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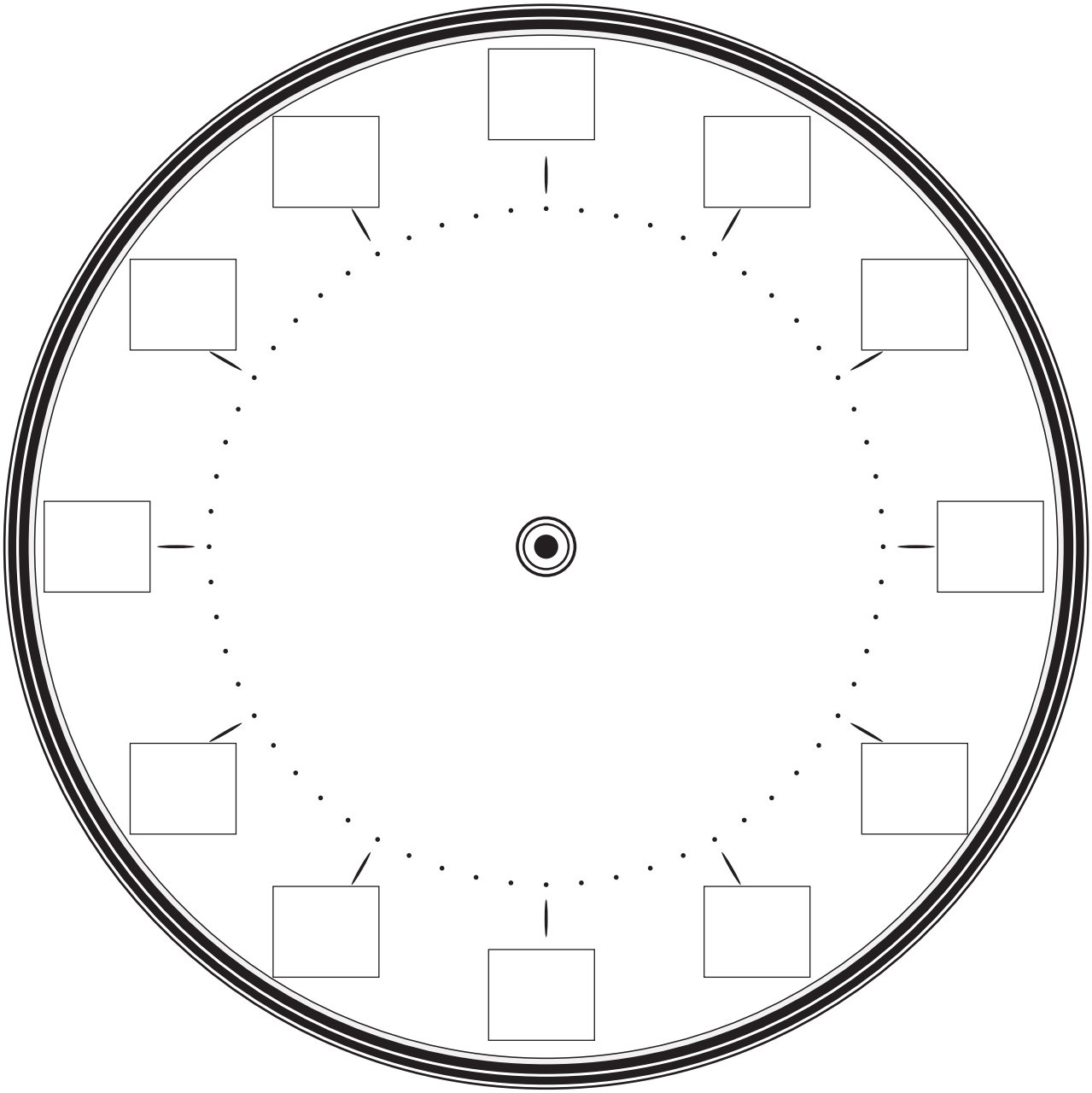
Make a clock!



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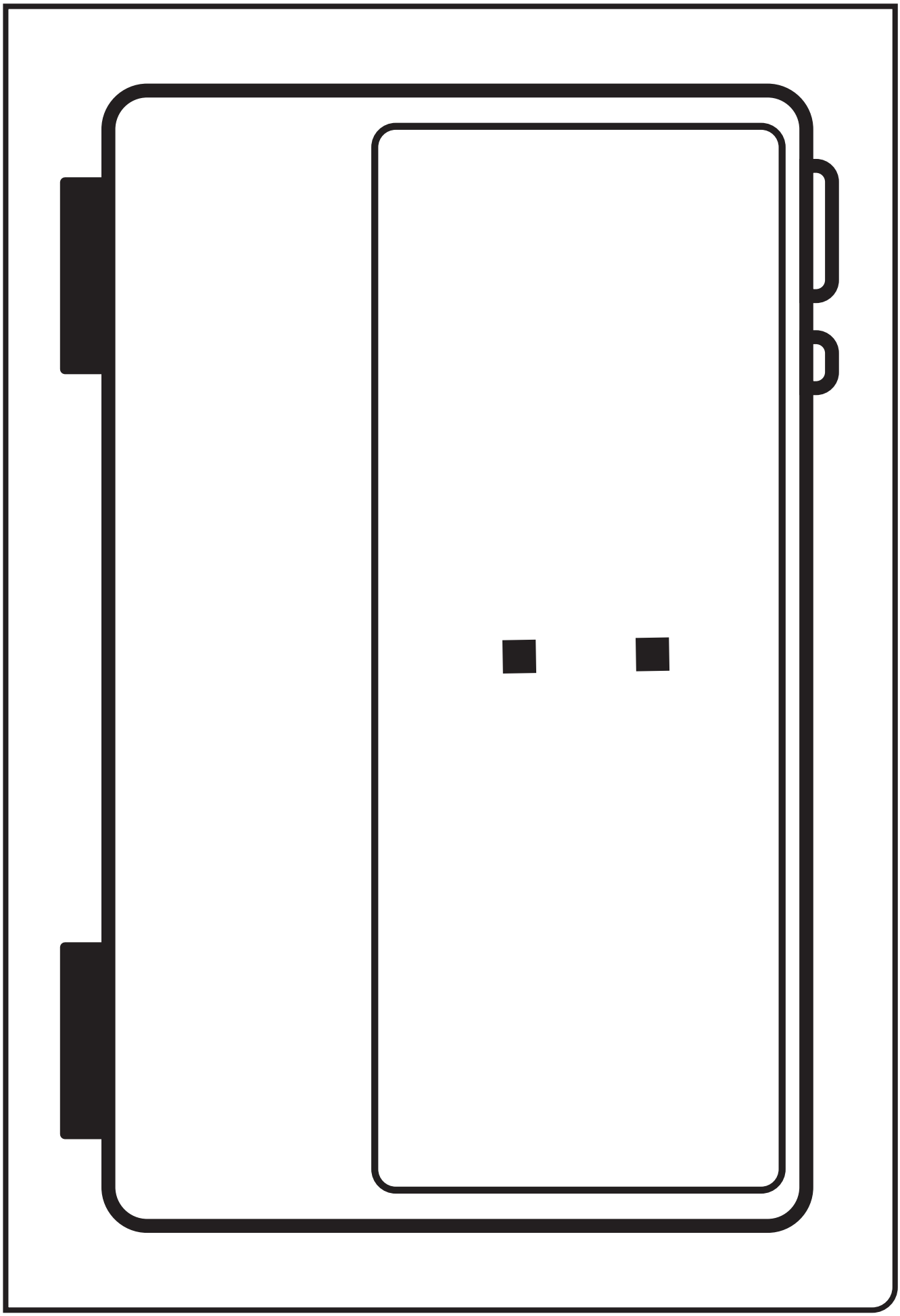
1	2	3	4	5	6
7	8	9	10	11	12

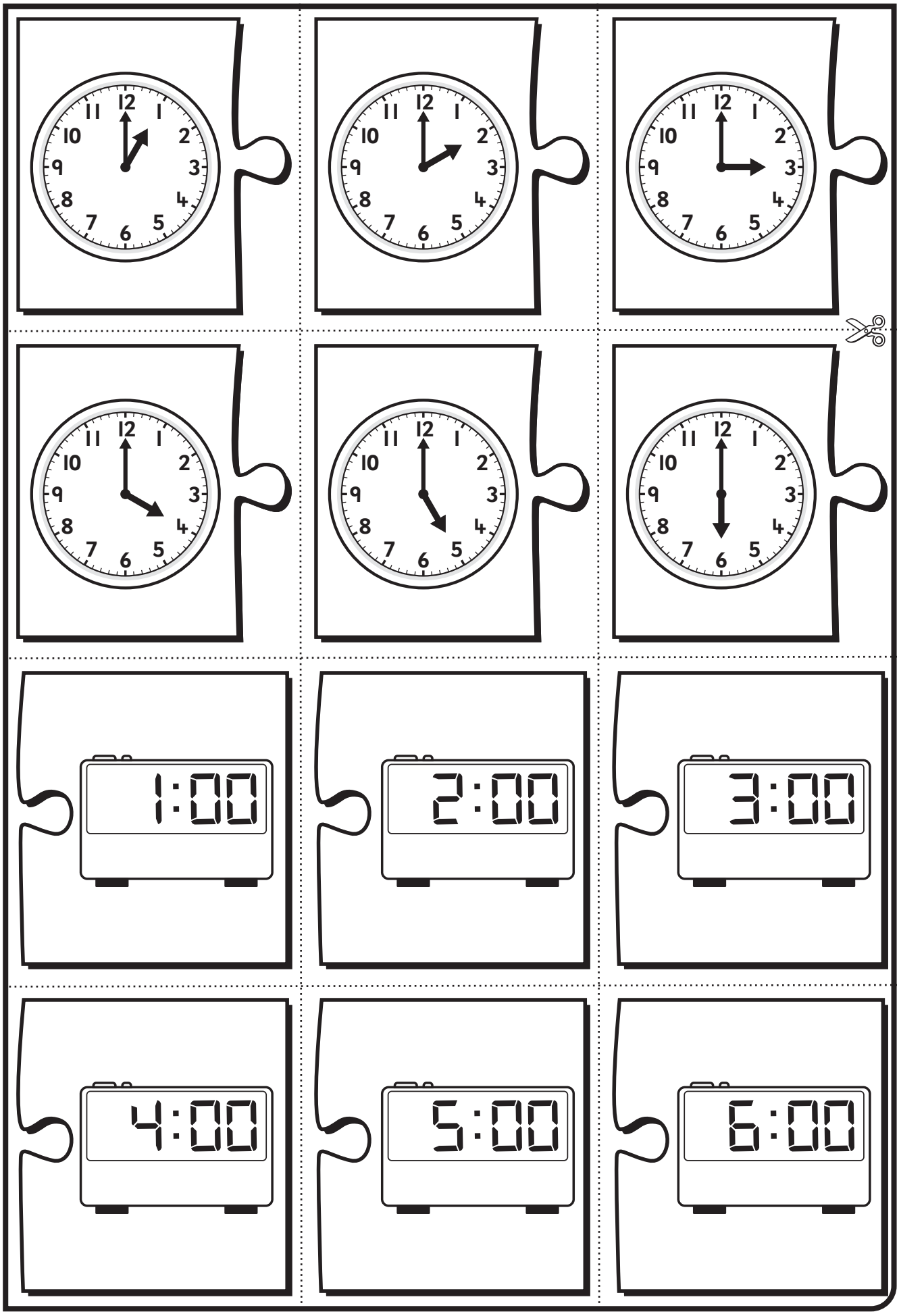


1	2	3	4	5	6
7	8	9	10	11	12



1	2	3	4	5	6
7	8	9	10	11	12





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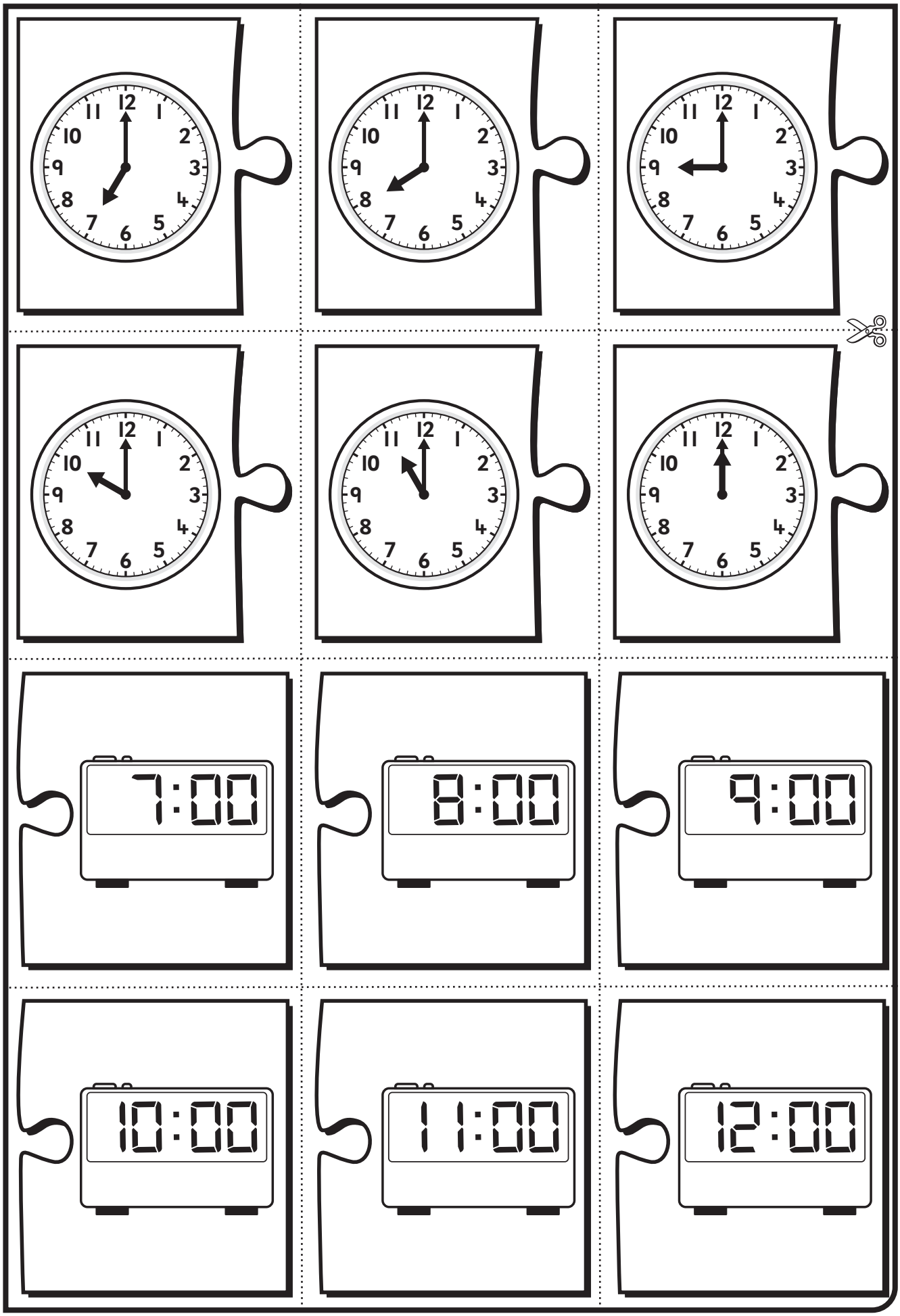
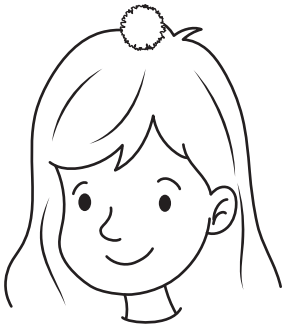
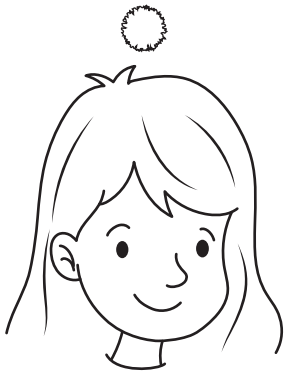
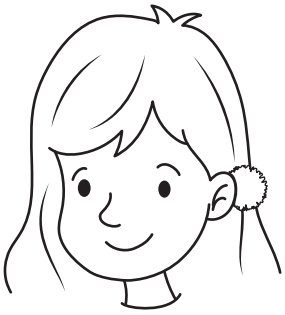
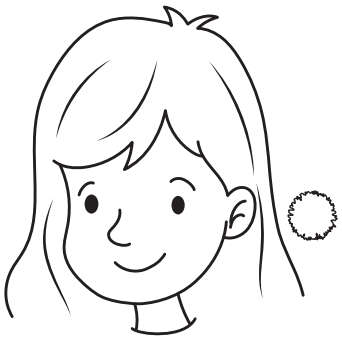
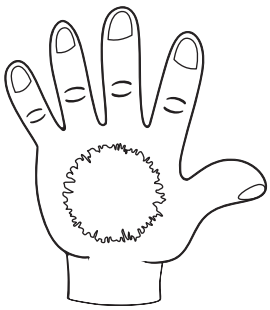

7:00
8:00
9:00
10:00
11:00
12:00











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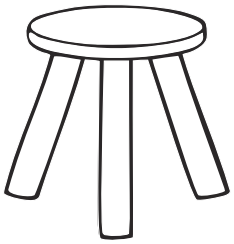
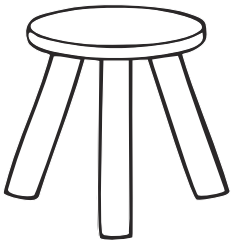
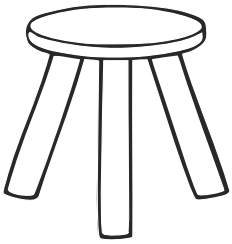


on top of



beside



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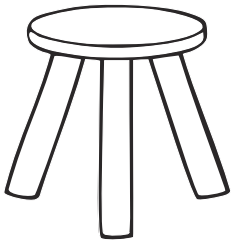

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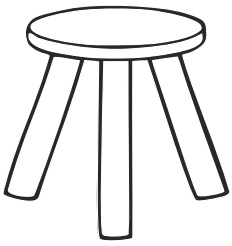

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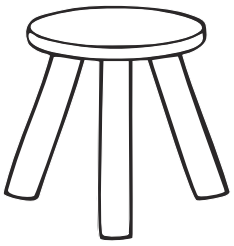

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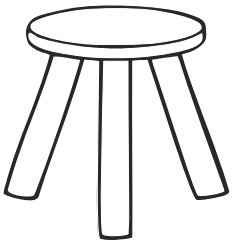

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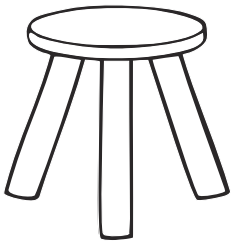
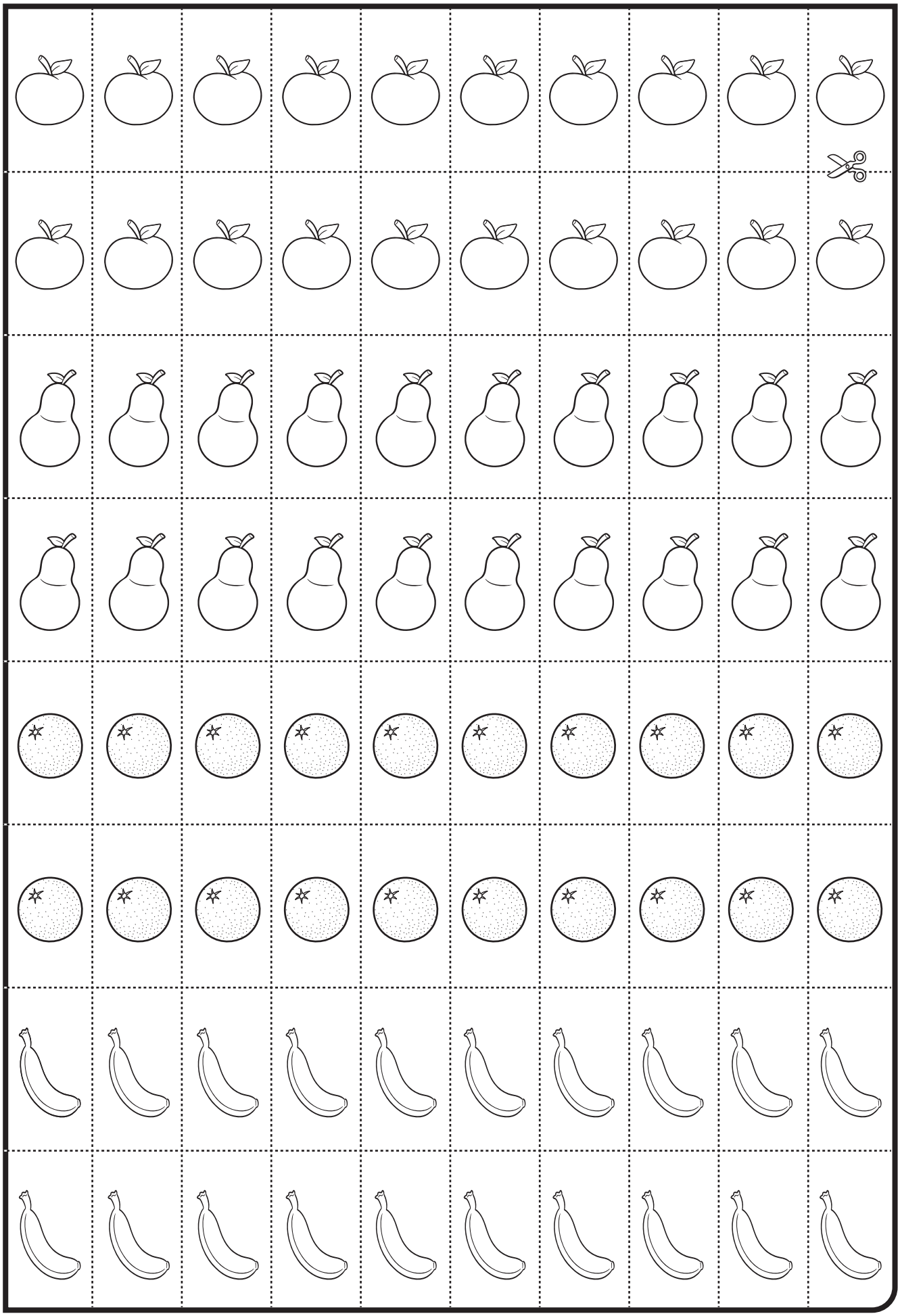
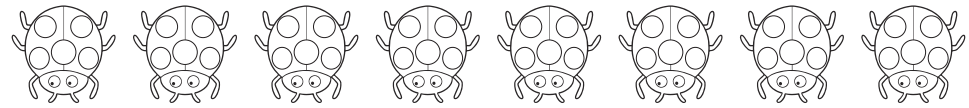


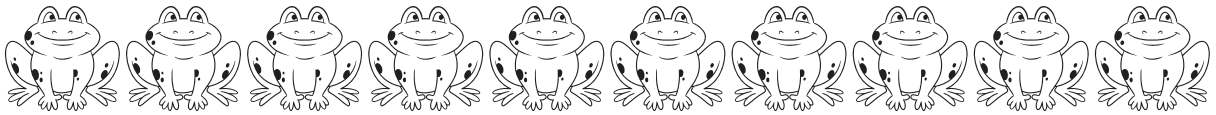
to the left



Colour the set that has more.

a





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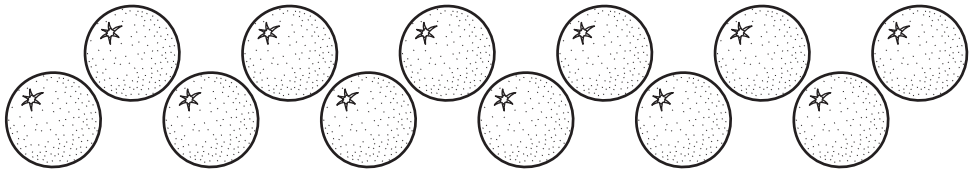



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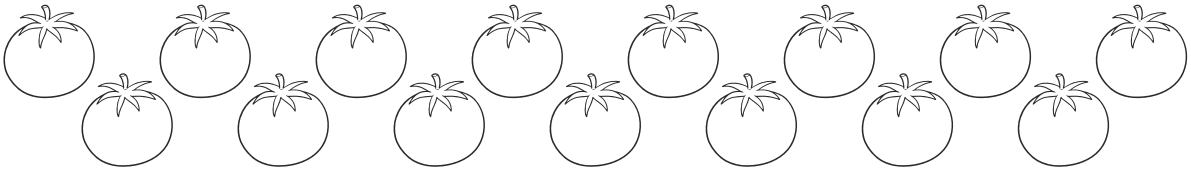
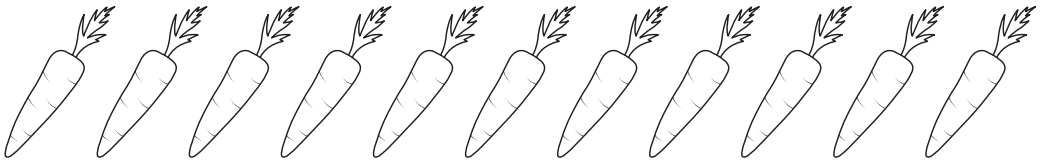
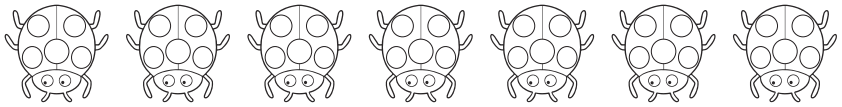


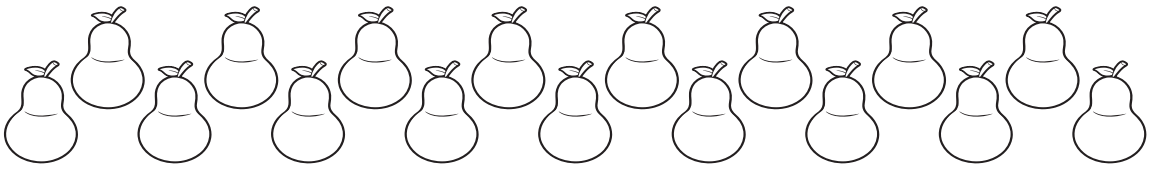


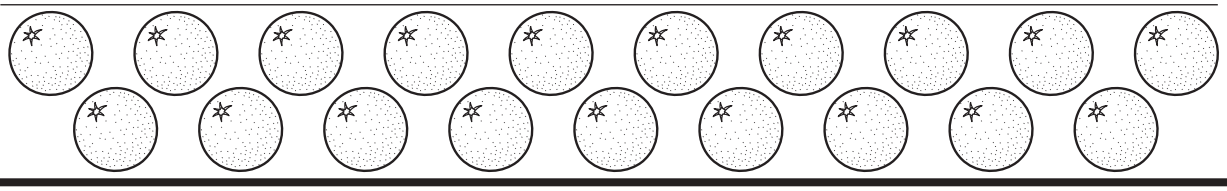
d





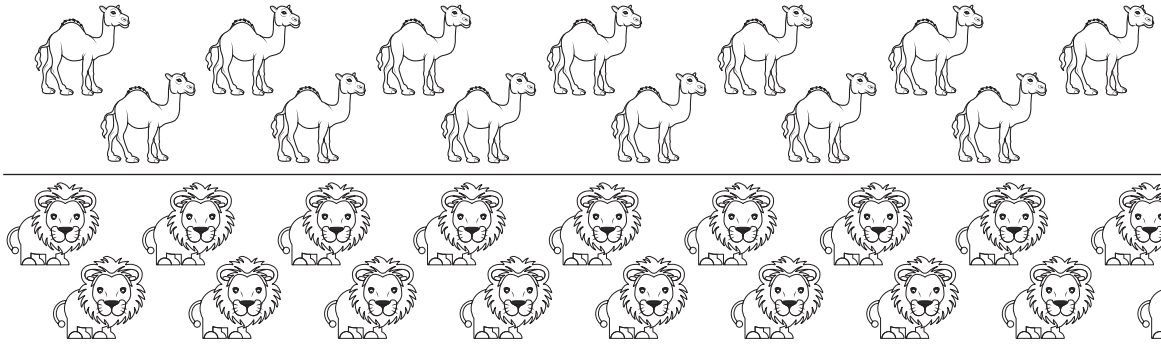
e





Colour the set that has less.

a



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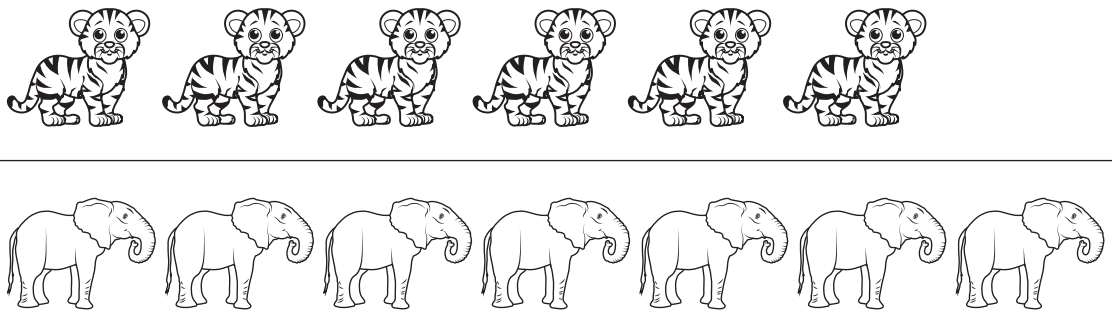
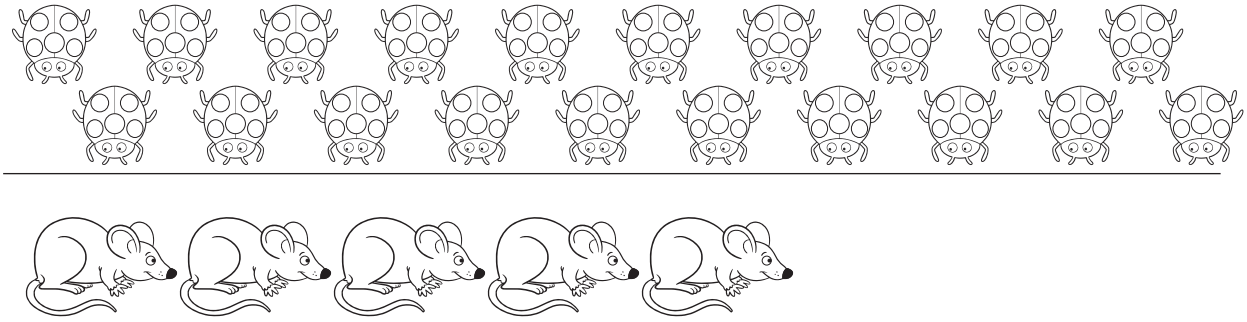


c



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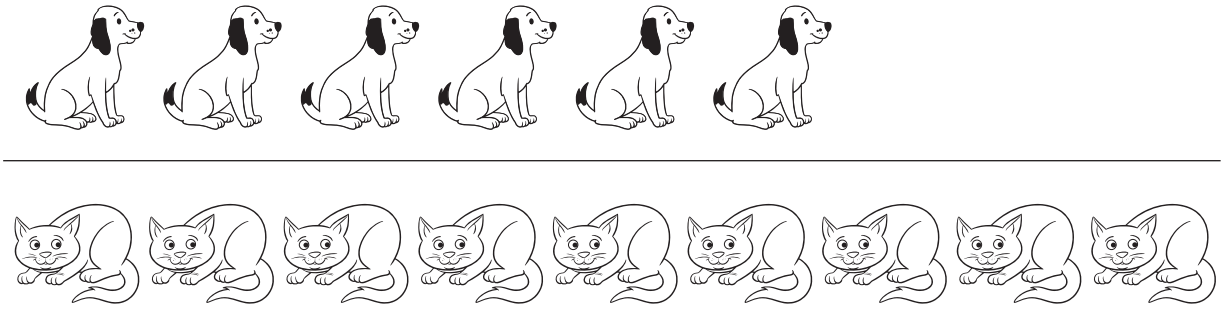

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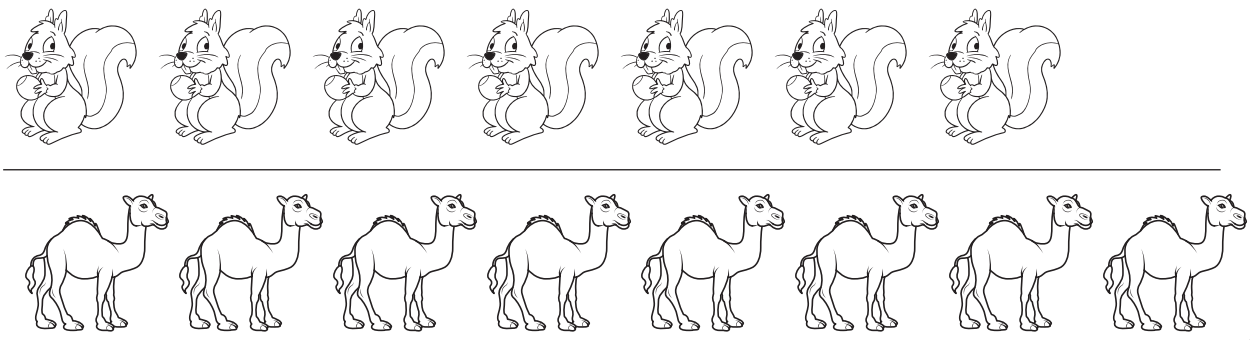

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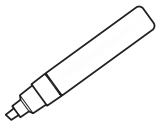
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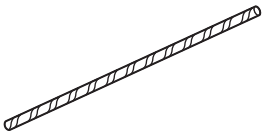
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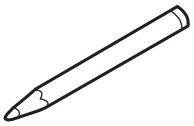
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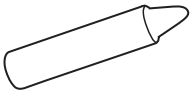
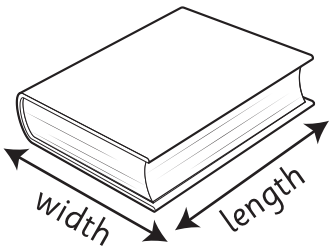
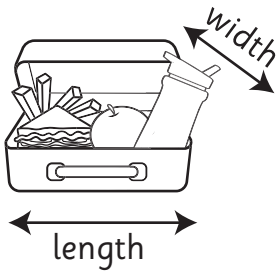

crayon

a **Maths Book**



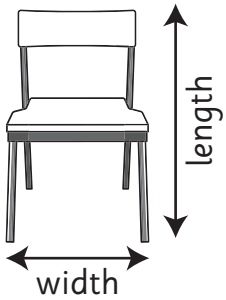
	My guess	Measurement
length:	about ☐ _____	about ☐ _____
width:	about ☐ _____	about ☐ _____

b **Lunchbox**



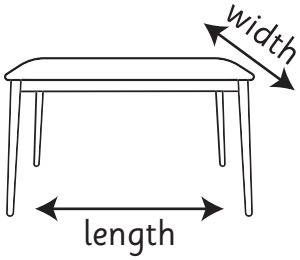
	My guess	Measurement
length:	about ☐ _____	about ☐ _____
width:	about ☐ _____	about ☐ _____

c **Chair**



	My guess	Measurement
length:	about ☐ _____	about ☐ _____
width:	about ☐ _____	about ☐ _____

d **Table**



	My guess	Measurement
length:	about ☐ _____	about ☐ _____
width:	about ☐ _____	about ☐ _____

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What's my number?

My units number is the same as the number of legs on two dogs.
My tens number is half of this.

I am ☐.

What's my number?

I have no units.
I am more than 20 and less than 40.

I am ☐.

What's my number?

My tens number is the same as the number of sides on a triangle.
My units number is the same as the number of sides on a square.

I am ☐.

What's my number?

I am an even number.
My number in the units place is double my number in the tens place.
I am less than 20.

I am ☐.

What's my number?

My tens number is half of 8.
My units number is the same.

I am ☐.

What's my number?

I have two digits.
My units number is double 4.
My number is less than 20.

I am ☐.

What's my number?

I am an odd number.
I have two digits.
I am more than 3 tens and 7 units and less than 40.

I am ☐.

What's my number?

My units number is double my tens number.
My tens number is less than 30 and more than 2.

I am ☐.

What's my number?

I am an odd number.
I am more than 20.
I am less than 45.
Each digit is the same.

I am ☐.

What's my number?

I am an even number.
My number in the units place is double my number in the tens place.
I am more than 30.
I am less than 40.

I am ☐.

CJFallon NORTHERN IRELAND

1. Order the numbers starting with the smallest.

(a) 42 36 18

18 ____ ____

(b) 49 27 36

____ ____ ____

(c) 25 38 29

____ ____ ____

2. Order the numbers starting with the biggest.

(a) 29 16 37

____ ____ ____

(b) 34 41 14

____ ____ ____

(c) 28 19 25

____ ____ ____

3. Write the correct numeral or number name.

(a) 32 = ____

(b) 47 = ____

(c) ____ = forty-three

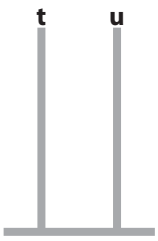
(d) 27 = ____

(e) ____ = twenty-five

(f) ____ = thirty-four

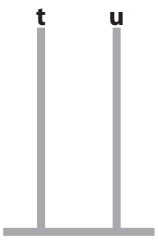
4. Draw the correct number of counters on each abacus.

(a)



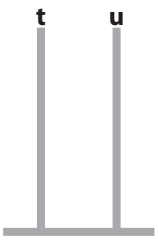
24

(b)



35

(c)



42

(d)



29

5. Draw the correct number of counters on each notation board.

(a)

t	u

36

(b)

t	u

48

(c)

t	u

27

(d)

t	u

41

CJ Fallon NORTHERN IRELAND

full

empty

more

less

CJFallon NORTHERN IRELAND

nearly full

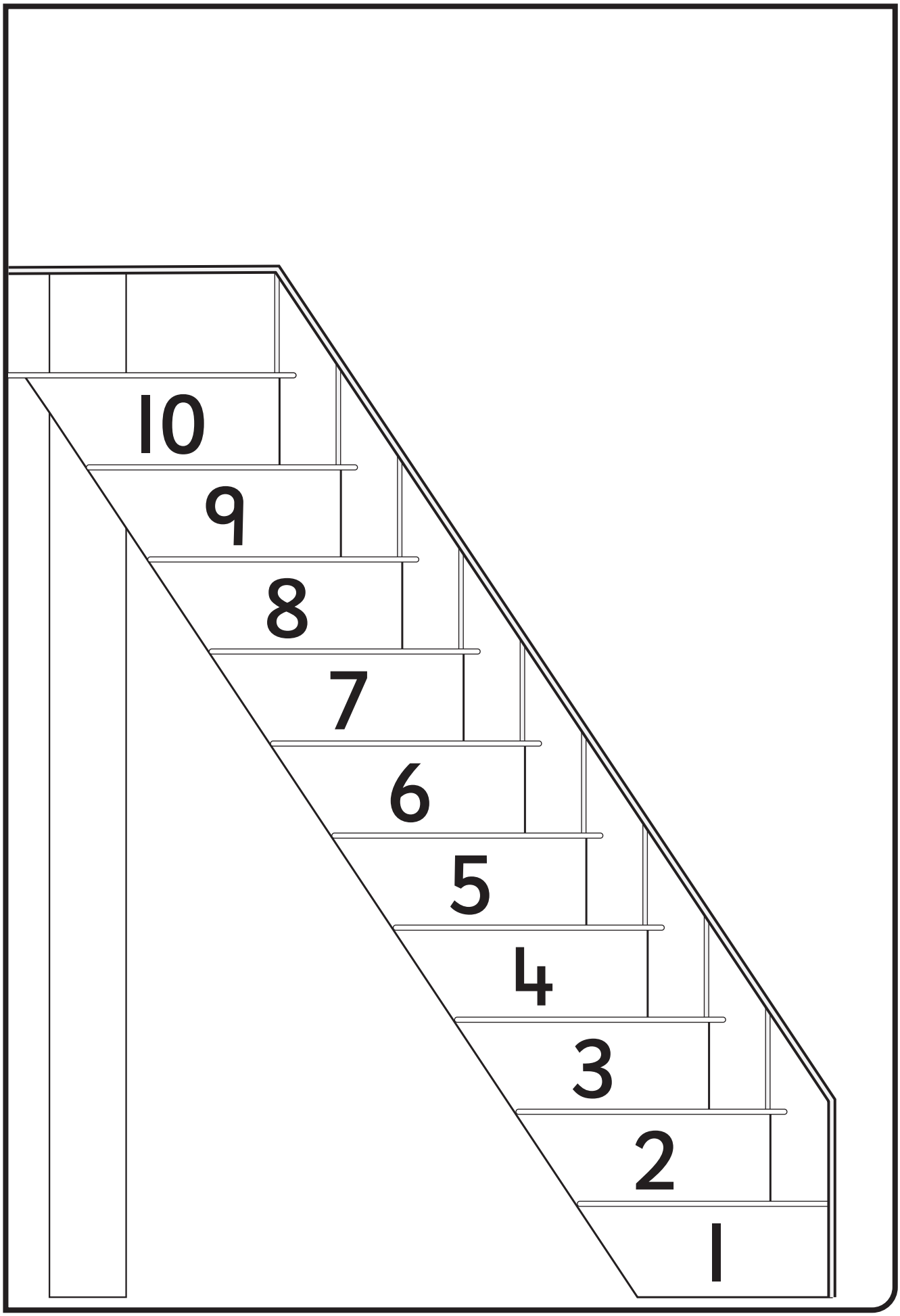
nearly empty

holds more

holds less

CJFallon NORTHERN IRELAND

1	2
3	4
5	6
7	8
9	10



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6	5	2	3	3
4	9	7	2	10
8	11	10	12	2
9	3	6	9	2
7	4	9	4	5
6	8	5	7	10
9	7	11	10	5

9 – 6	= 3	8 – 6	= 2
7 – 5	= 2	5 – 1	= 4
8 – 3	= 5	10 – 3	= 7
9 – 5	= 4	8 – 6	= 2
9 – 7	= 2	10 – 8	= 2
9 – 8	= 1	9 – 9	= 0
6 – 6	= 0	7 – 1	= 6
7 – 2	= 5	8 – 7	= 1
10 – 0	= 10	10 – 1	= 9
8 – 2	= 6	9 – 0	= 9
6 – 3	= 3	7 – 4	= 3
10 – 2	= 8	9 – 2	= 7

Choose one of the answers to fit each question. Write.

1. 8 turtles were swimming in a pond. 5 of them got out and slept under a stone. How many were left in the pond? _____

8 – 3 = 5	5 + 3 = 8	8 – 5 = 3	8 = 5 + 3

2. A baker has 5 loaves of bread left over. He had 9 loaves earlier. How many loaves did he sell? _____

9 – 4 = 5	9 – 5 = 4	9 = 5 + 4	4 + 5 = 9

3. 3 planes have taken off from the runway. There had been 9 planes there. How many planes remain on the runway? _____

9 – 6 = 3	6 + 3 = 9	9 – 3 = 6	9 = 6 + 3

4. 11 horses finished a race. 17 horses had started the race. How many horses didn't finish the race? _____

17 – 6 = 11	11 + 6 = 17	17 – 11 = 6	17 = 11 + 6

5. 15 horses were supposed to run in the next race also. Only 11 jockeys turned up. How many more jockeys are needed? _____

15 – 4 = 11	11 + 4 = 15	15 – 11 = 4	4 + 11 = 15

6. Two of these answers are incorrect. Circle them.

11 + 7 = 17	19 – 12 = 7	15 = 11 – 4	6 + 10 = 16

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0	2	4		8	10			16		20	22		26
6	8	10		14		18		22		26	28		32
	4	6		10	12			18		22	24	26	28
8	10		14	16	18		22			28	30		34
10	12	14	16		20		24		28	30		34	
30	28	26		22	20			14		10	8		4
26	24		20		16	14		10		6	4		0
34	32	30		26	24			18		14	12	10	

0	5	10		20	25			40		50
0		10	15		25	30				
	5	10			25				45	
0	5							40		50
0										
50	45	40		30			15			0
50	45		35		25					0
50		40		30		20				

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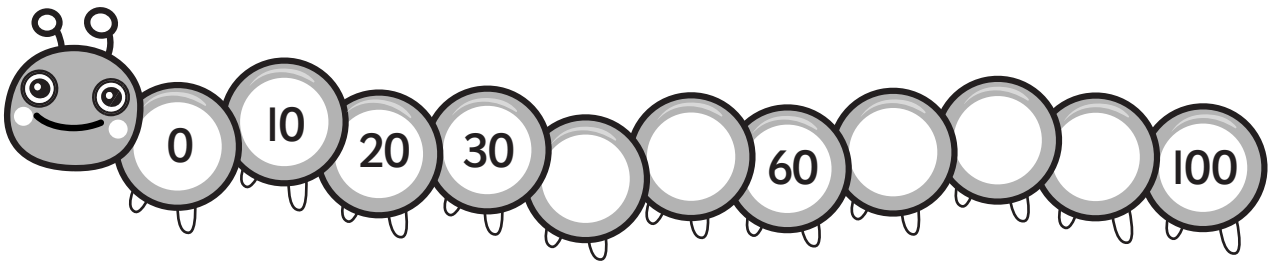

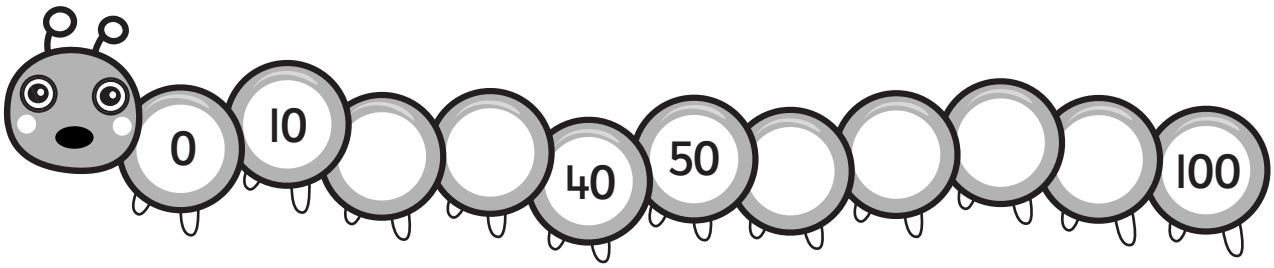

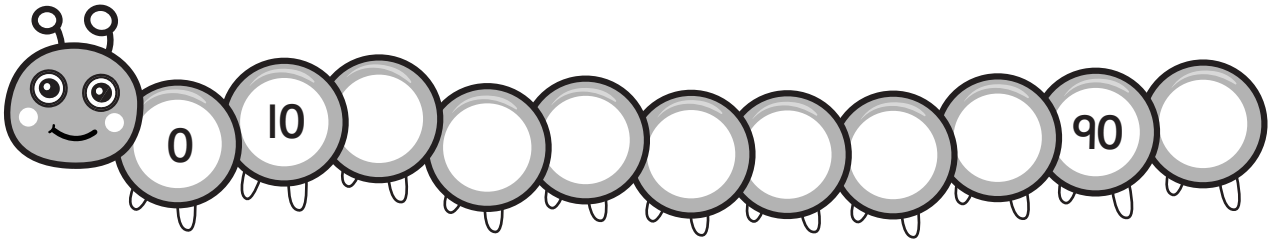

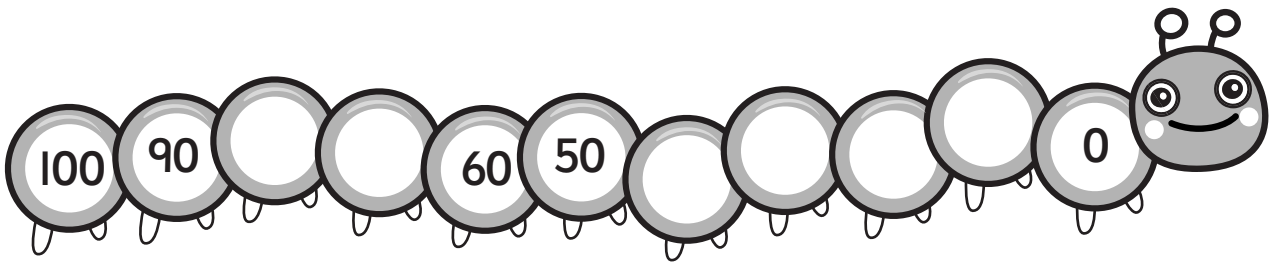

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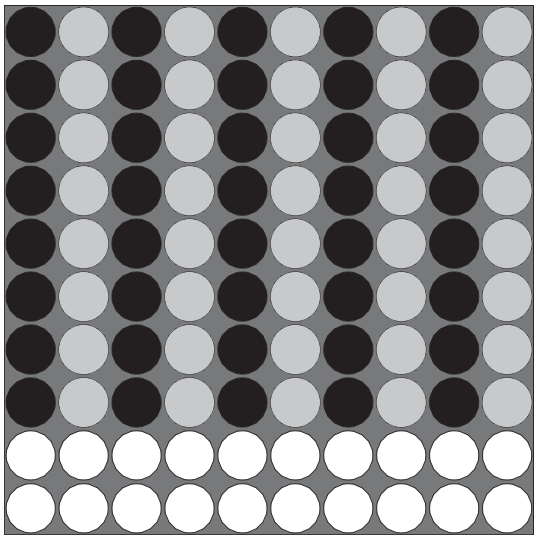
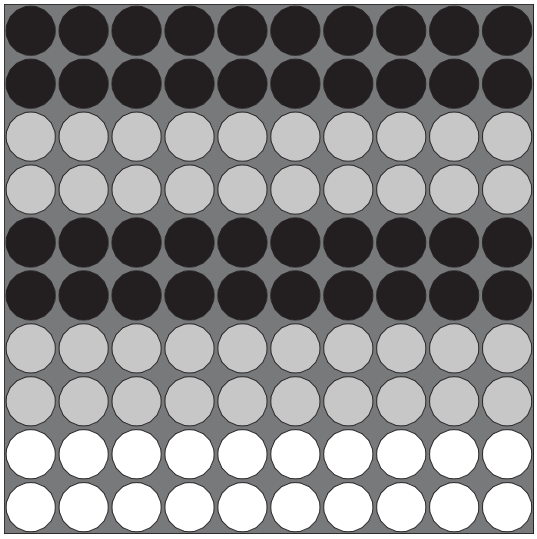
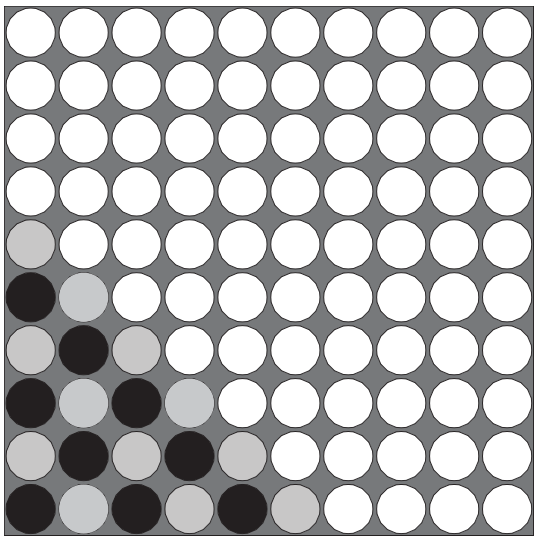
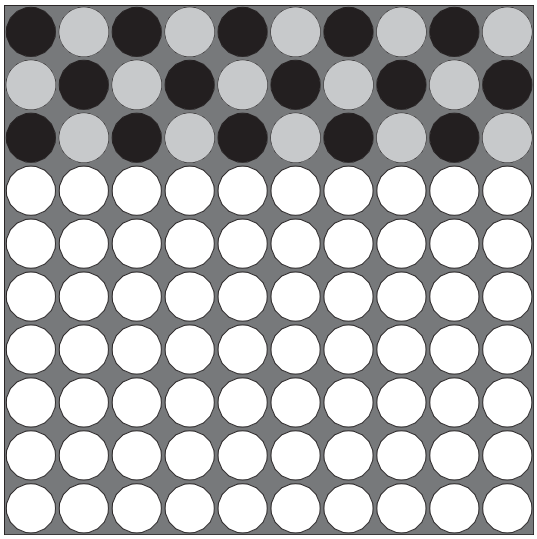
Pick your own colours to complete these patterns e.g. instead of light grey and black, you could use red and green.

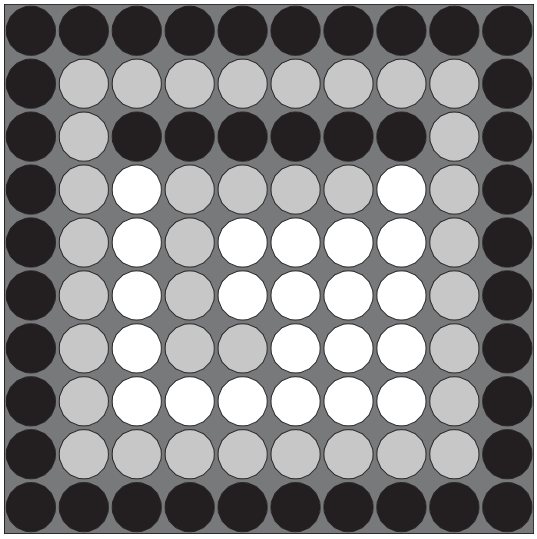


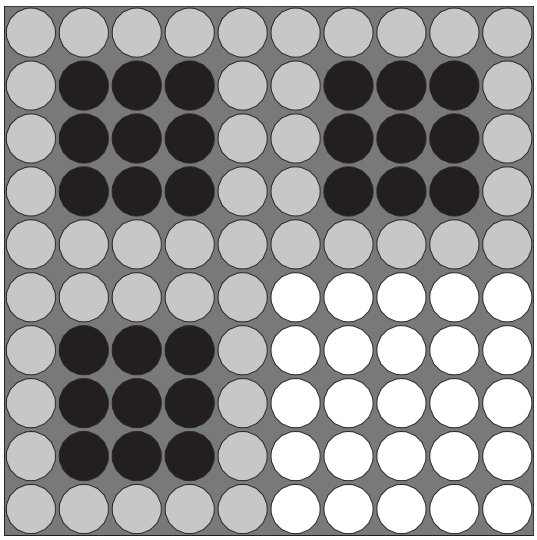


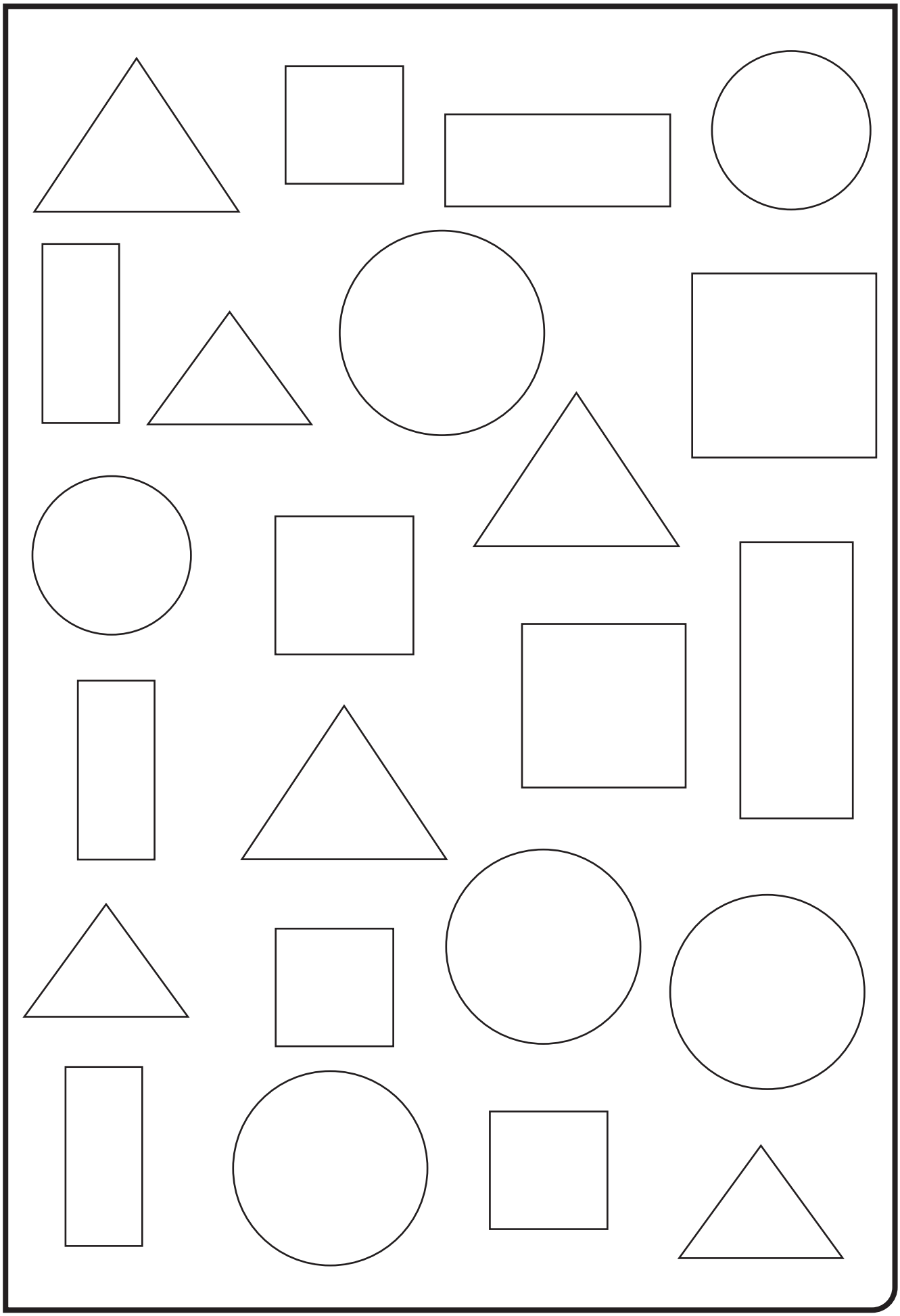


Pick your own colours to complete these patterns e.g. instead of light grey and black, you could use red and green.









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21	31	41	49
22	32		
23	33	42	47
24	34		
25	35	43	48
26	36		
27	37	44	49
28	38		
29	39	45	50
30	40		

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What's my number?

I have no units.
I am an even number.
I am less than 40.
I am greater than 20.

I am ☐.

What's my number?

My units number is odd.
My tens number is even.
My units number is greater than 7.
My tens number is less than 3.

I am ☐.

What's my number?

I have four tens.
I have half as many units as tens.

I am ☐.

What's my number?

I have three tens.
I have some units.
My units are less than 8.
My units are greater than 6.

I am ☐.

What's my number?

I have some units.
I don't have 8 units.
I have half of that number of units.
The number of tens I have is the same as 20 units.

I am ☐.

What's my number?

I have some units.
I don't have 10 units.
I have half of that number of units.
I have 3 tens.

I am ☐.

What's my number?

I am an odd number.
I have two digits.
I am more than 2 tens and 8 units and less than 30.

I am ☐.

What's my number?

I am an even number.
I have two digits.
Both digits are the same.
I am more than 20 and less than 40.

I am ☐.

What's my number?

I am 3 tens and 14 units.

I am ☐.

What's my number?

I am 2 tens and 26 units.

I am ☐.

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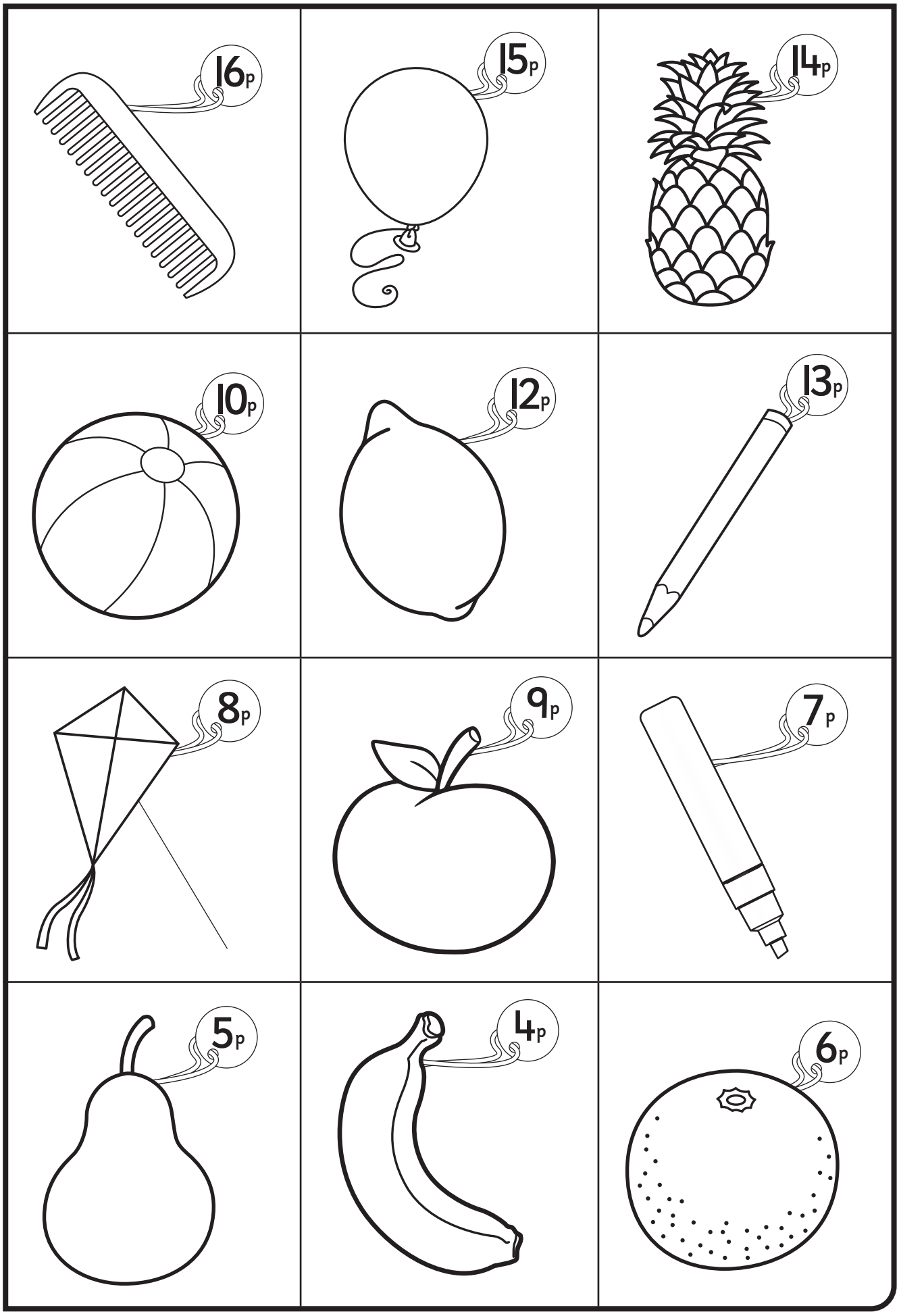

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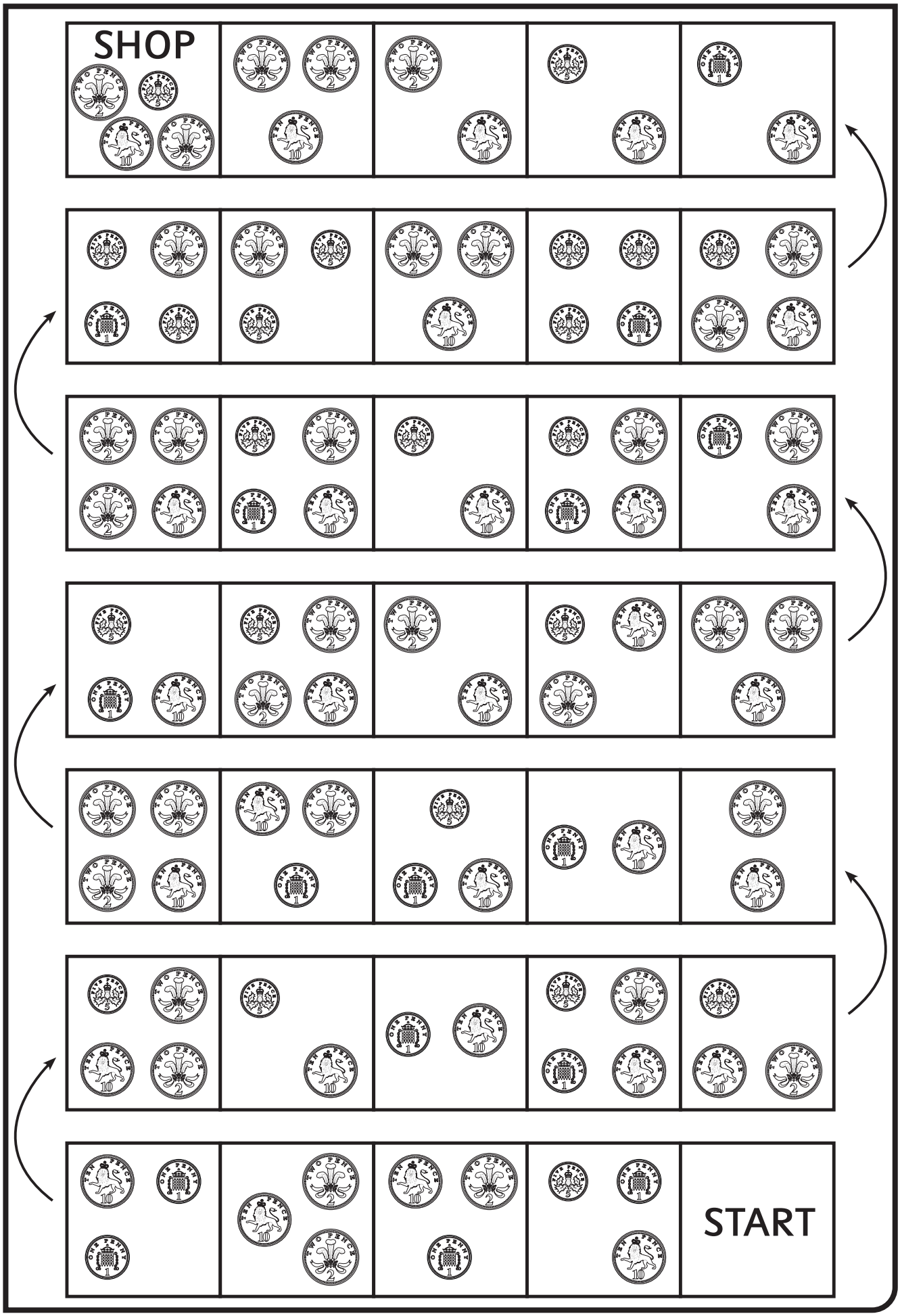

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11p	12p	13p
14p	15p	16p
17p	18p	19p
Go forward 2 spaces.	Miss a go.	Go back 2 spaces.

heavy

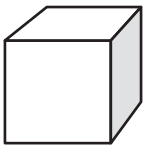
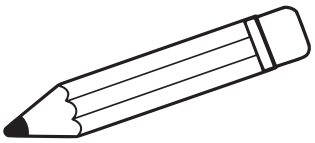
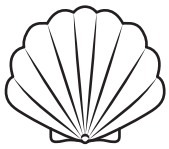
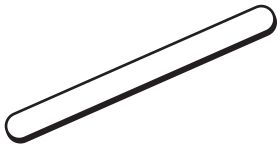
heavier

heaviest

light

lighter

lightest

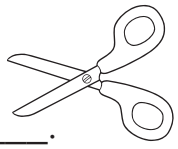
a

It takes ☐ _____ to balance the _____.



b

It takes ☐ _____ to balance the _____.



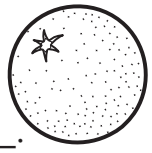
c

It takes ☐ _____ to balance the _____.



d

It takes ☐ _____ to balance the _____.



e

It takes ☐ _____ to balance the _____.



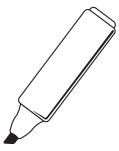
f

It takes ☐ _____ to balance the _____.



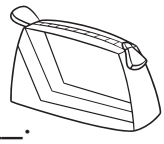
g

It takes ☐ _____ to balance the _____.



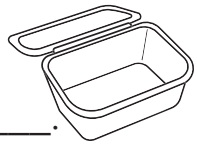
h

It takes ☐ _____ to balance the _____.



i

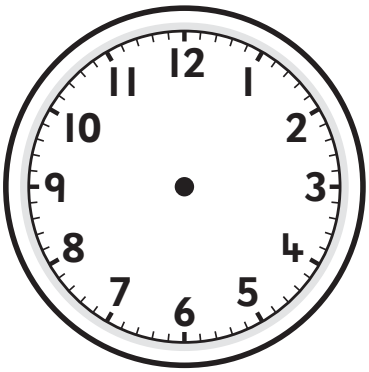
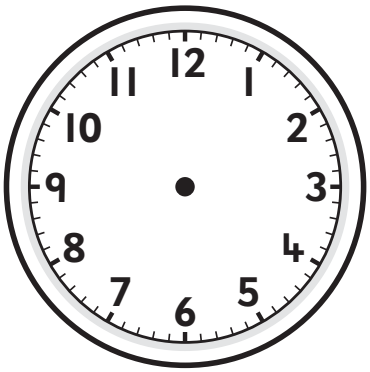
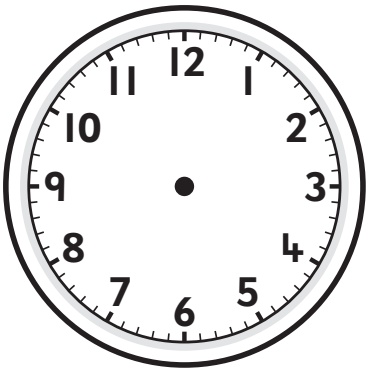
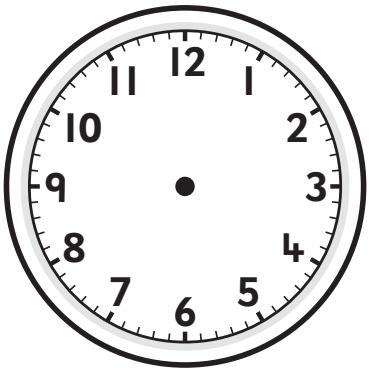
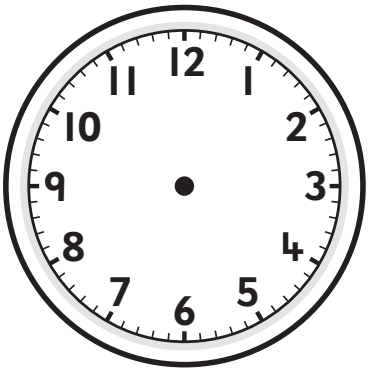
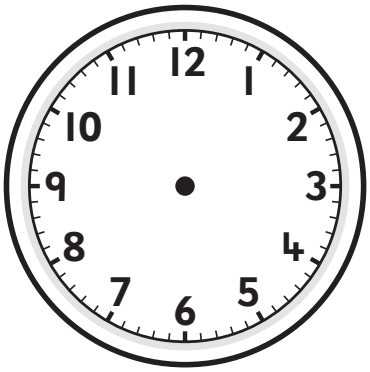
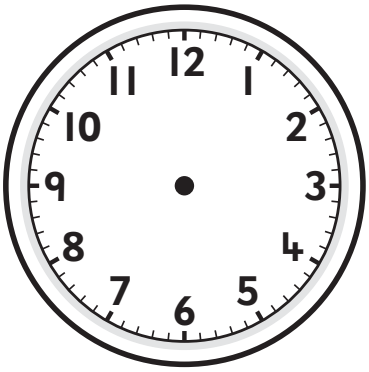
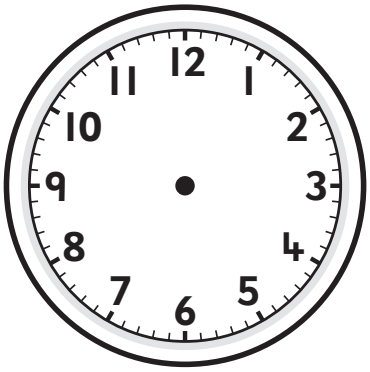
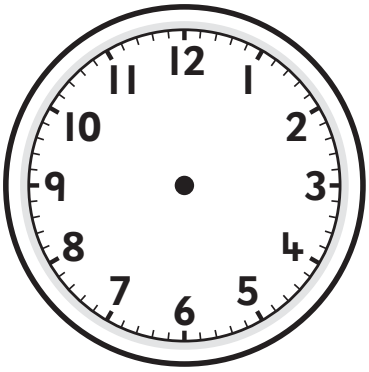
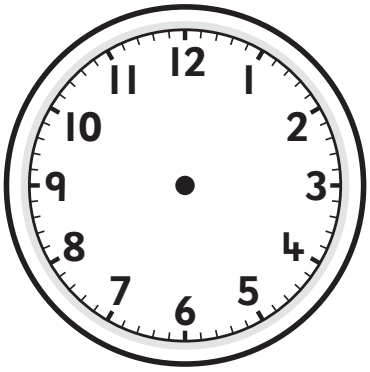
It takes ☐ _____ to balance the _____.



j

It takes ☐ _____ to balance the _____.



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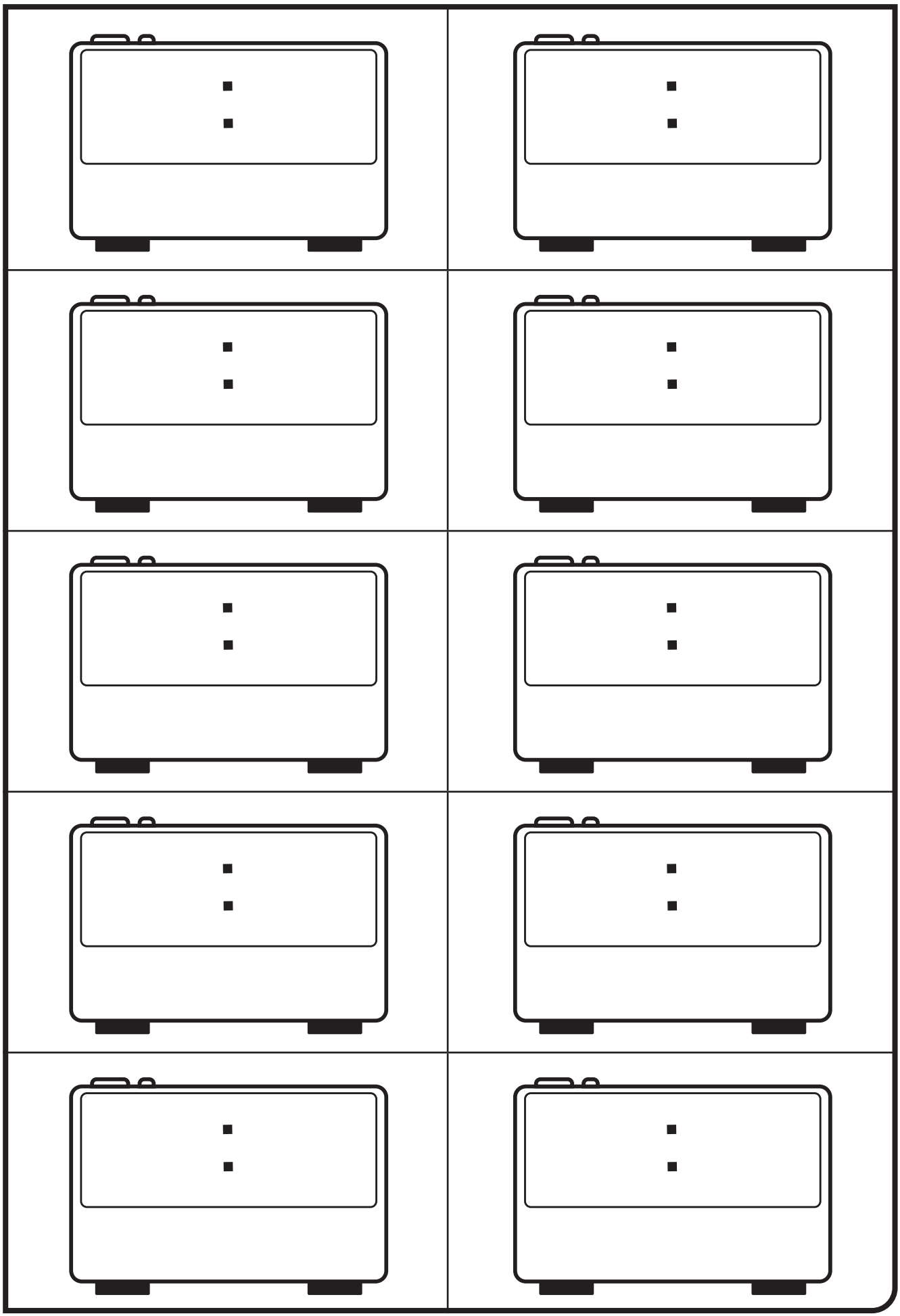


I wake up in the morning.



I eat my breakfast.

I go to school.

We have small break in school.

We have big break in school.

School finishes.

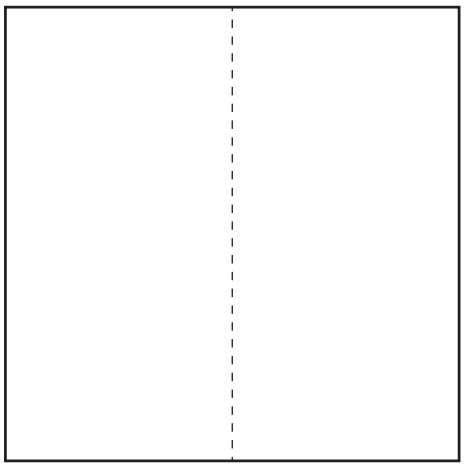
I eat my dinner.

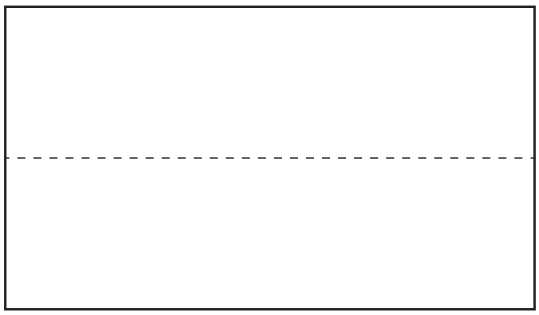
I do my homework.

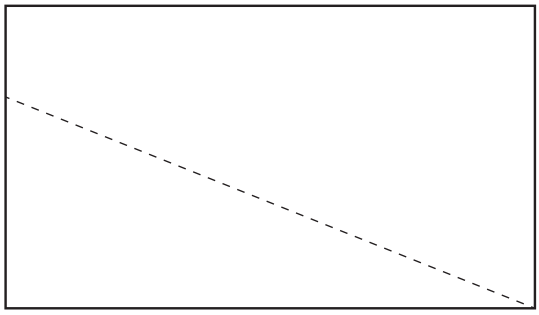
Fractions $\frac{1}{2}$: Loop Cards

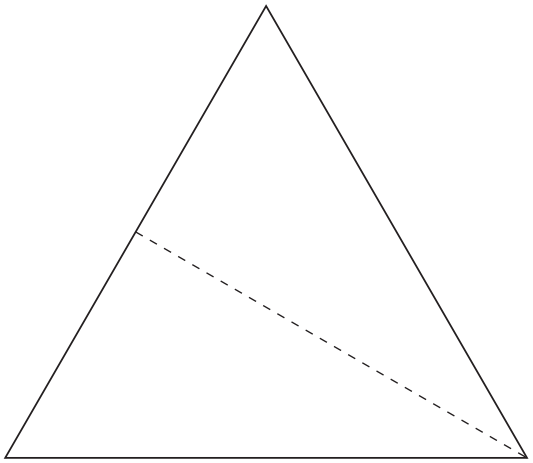
START	**Clue:** $\frac{1}{2}$ **of 6**
I have 3.	**Clue:** $\frac{1}{2}$ **of 14**
I have 7.	**Clue:** $\frac{1}{2}$ **of 10**
I have 5.	**Clue:** $\frac{1}{2}$ **of 20**
I have 10.	**Clue:** $\frac{1}{2}$ **of 2**
I have 1.	**Clue:** $\frac{1}{2}$ **of 12**
I have 6.	**Clue:** $\frac{1}{2}$ **of 18**
I have 9.	**Clue:** $\frac{1}{2}$ **of 4**
I have 2.	**Clue:** $\frac{1}{2}$ **of 16**
I have 8.	**Clue:** $\frac{1}{2}$ **of 8**
I have 4.	**FINISH**

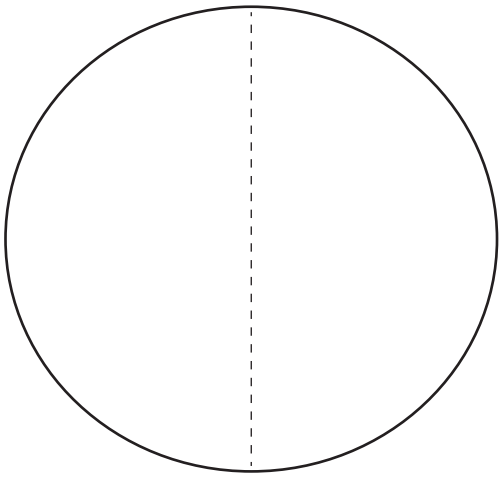
Sort the shapes into two piles – symmetrical and not symmetrical.

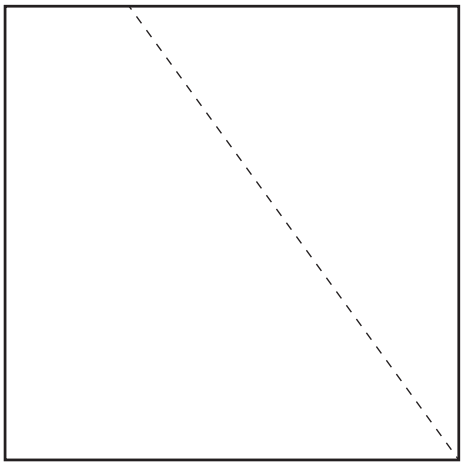


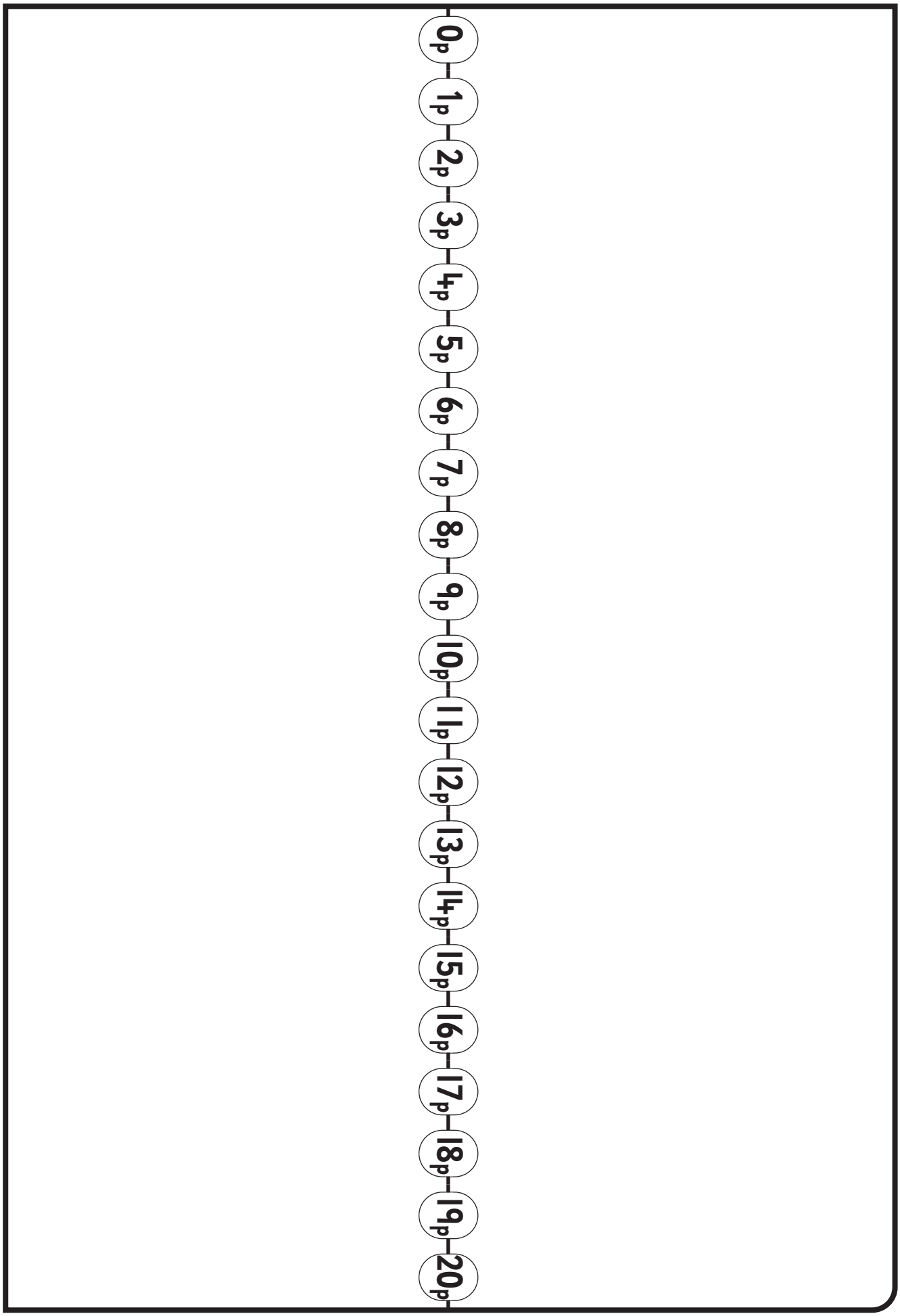












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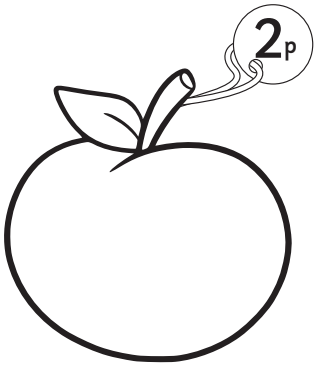

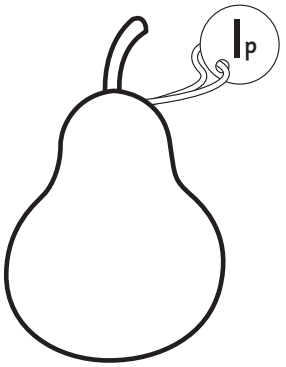

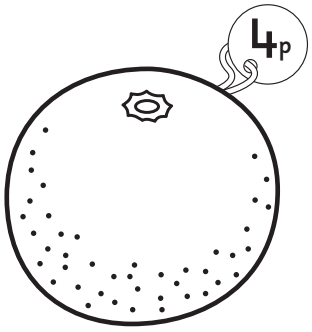

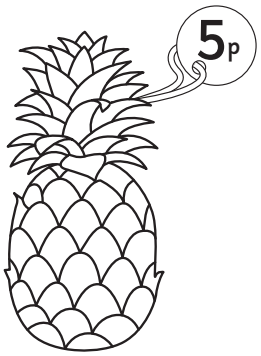

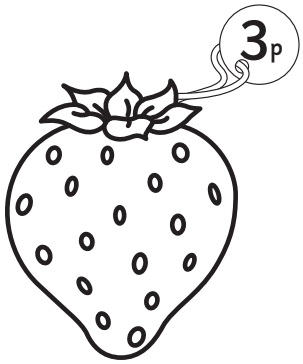

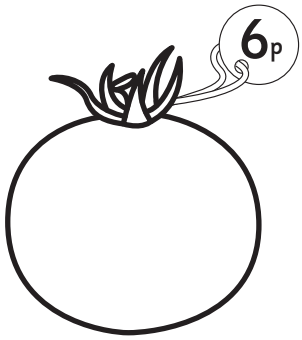

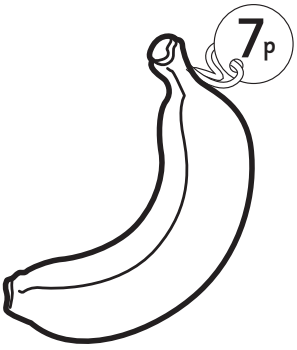

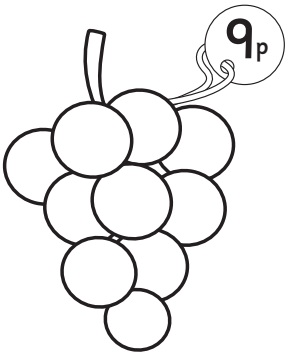

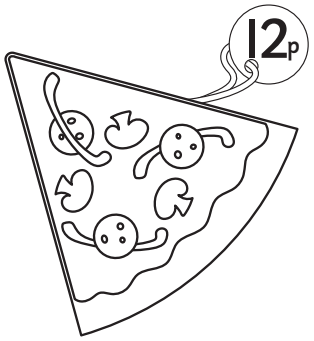

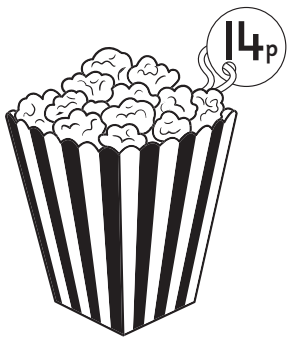

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