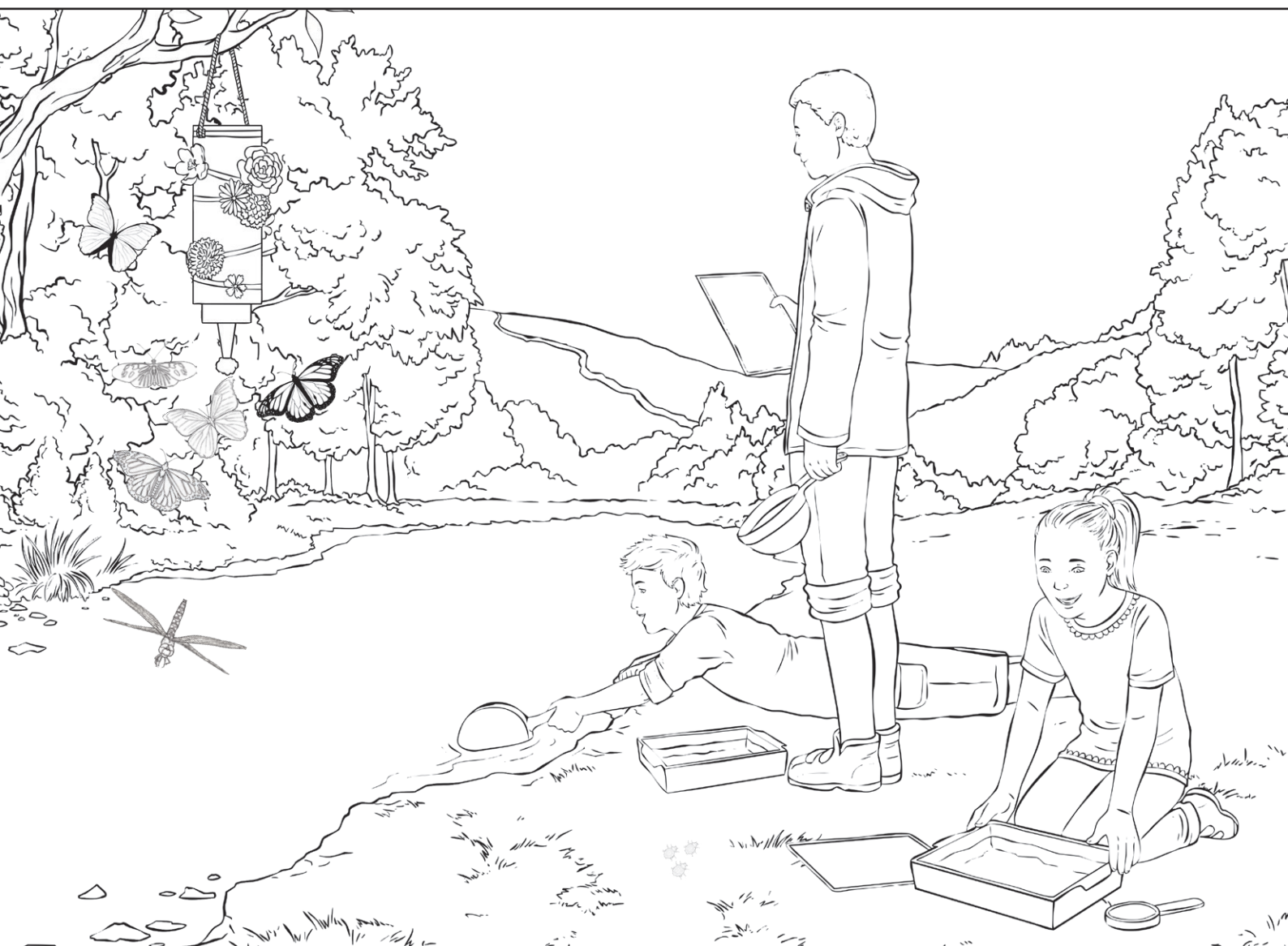


# Spring

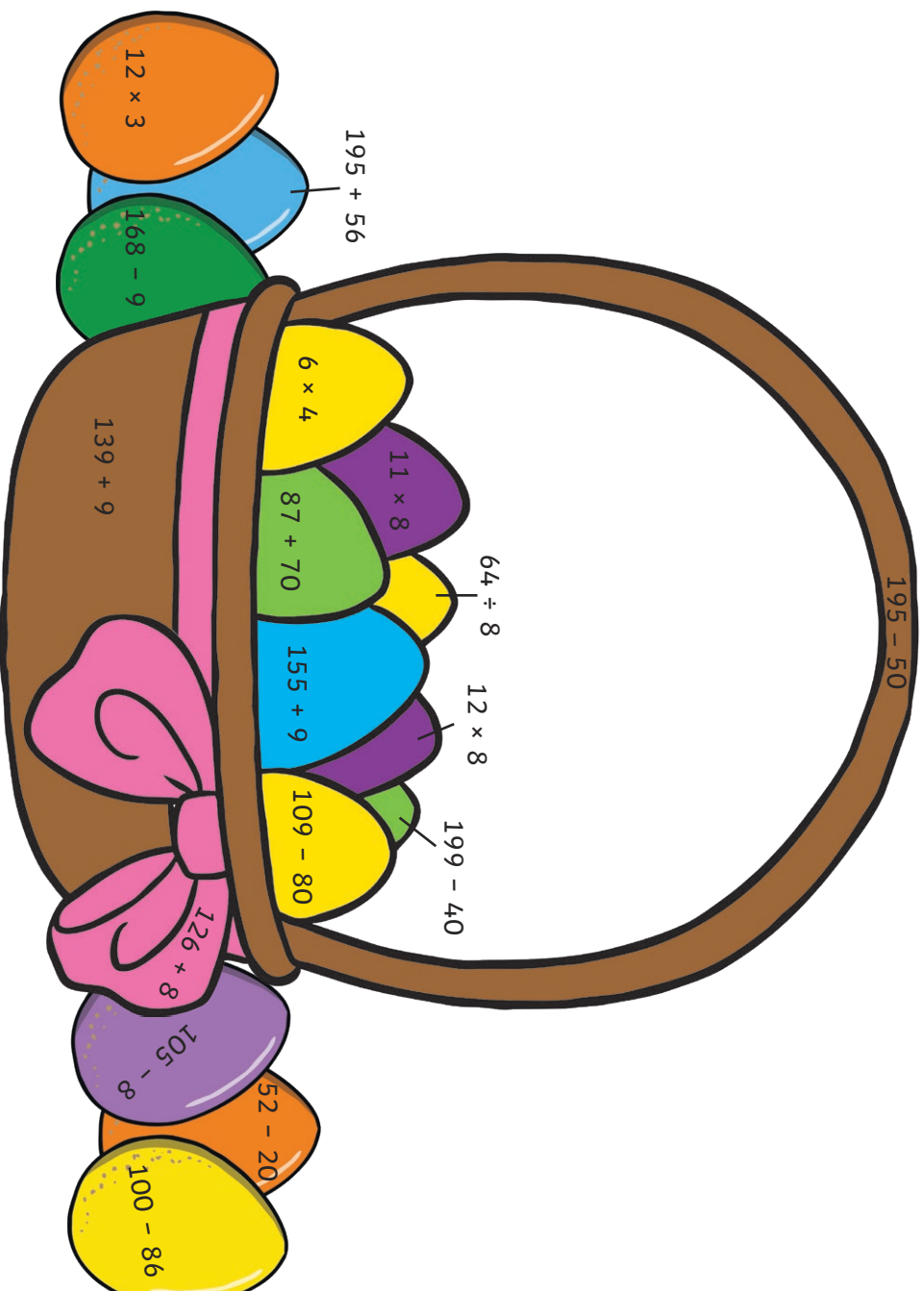
## Maths Activity Booklet Answers



# Springtime Colour by Calculations

Solve the calculations and use the key to colour each part of the spring-themed picture.

yellow	orange	purple	pink	brown	green	blue
1-30	31-60	61-100	101-140	141-150	151-160	> 161



# Counting in 8s Spring Maze

Help the rabbit find the path through the maze to the carrots by counting on in eights from zero.



0      16      24      32      40      48      56

8            32            40            40

16      **24**      32      **40**      48      40      32

56            48            **56**            64

104      88      96      **88**      80      **72**      64      88      96

112            **104**            96            80            128

120      112      **112**      **120**      128      144      152      144      136

112            128            **136**            160

120      128      136      128      **144**      **152**      **160**

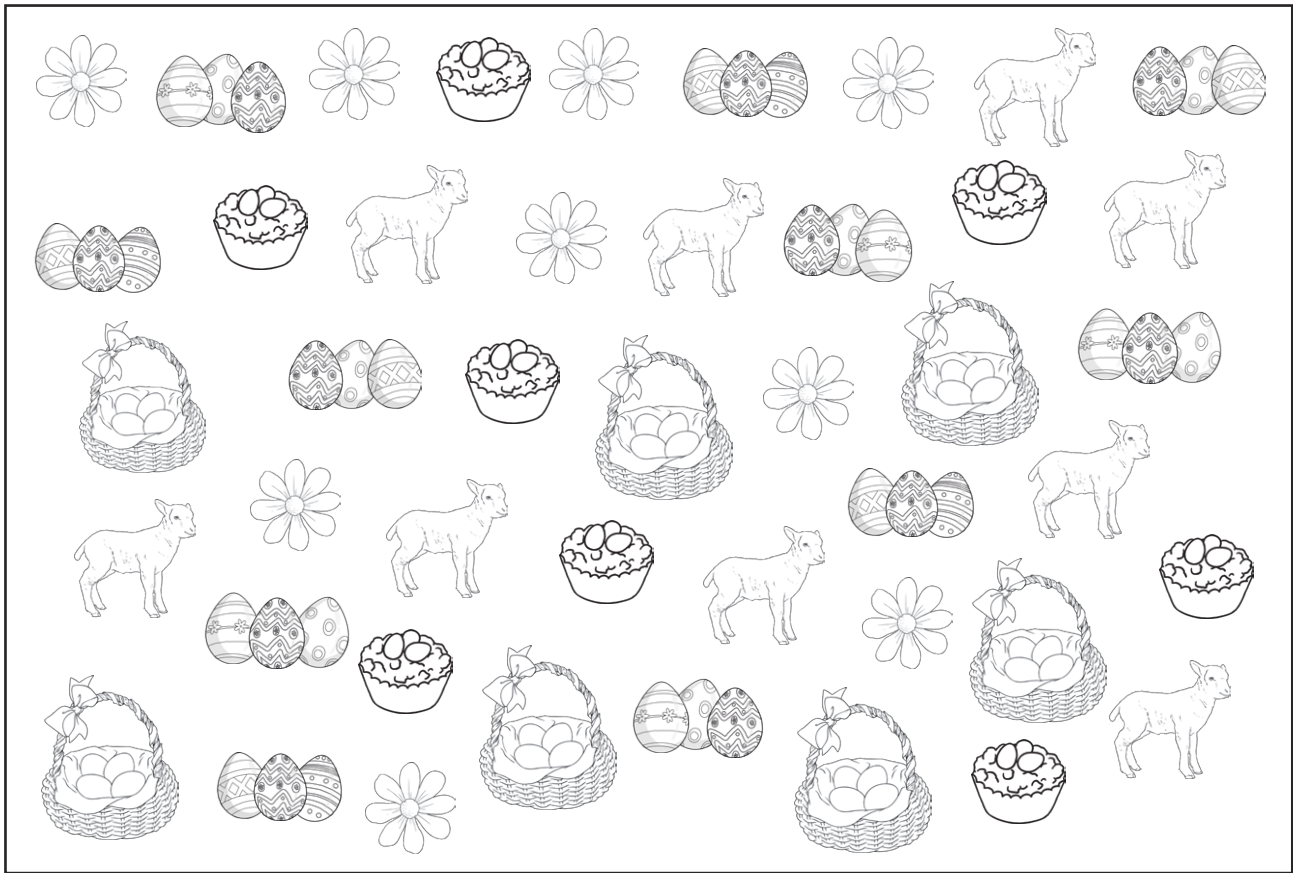
128            144            160            **168**






136      144      152      160      168      152      160



# Springtime I Spy and Calculate

Count the spring-themed objects and then solve the calculations.



Spring Object						
	Number of flowers:	<b>9</b>	Number of petals on each flower:	<b>8</b>	Number of petals in total:	<b>72</b>
	Number of baskets:	<b>7</b>	Number of eggs in each basket:	<b>4</b>	Number of eggs in total:	<b>28</b>
	Number of groups of Easter eggs:	<b>11</b>	Number of Easter eggs in each group:	<b>3</b>	Number of Easter eggs in total:	<b>33</b>
	Number of lambs:	<b>9</b>	Number of legs on each lamb:	<b>4</b>	Number of legs in total:	<b>36</b>
	Number of cakes:	<b>8</b>	Number of eggs on each cake:	<b>3</b>	Number of eggs in total:	<b>24</b>

## Challenge

Eli works out that there are 16 rabbit ears in a picture. How many rabbits were there? What calculation did you use to find the answer?

**There are 8 rabbits.  $16 \div 2 = 8$**

# Multiplication and Division Facts

## Spring Mosaic

### Multiplication 3×, 4× and 8× tables

Solve the maths problems to reveal the hidden picture. Each answer has a special colour:

**3, 4, 6, 9, 15, 21, 27, 36 or 56 = blue**


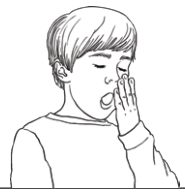
**24, 32, 33, 40 or 48 = green**



**8, 12, 16, 20 or 30 = purple**



**28, 64, 72 or 80 = yellow**



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


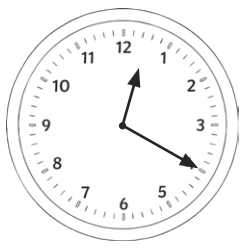
# Easter Holiday Time!


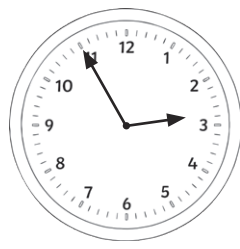
	
<p>What time did the children get up?</p> <p><b>quarter past 6</b></p>	


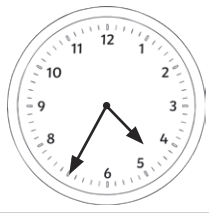
	
<p>What time did the children set off for the farm park?</p> <p><b>ten minutes past eight</b></p>	


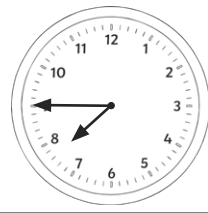
	
<p>What time did the children stop for breakfast?</p> <p><b>twenty-five minutes to nine</b></p>	

	
<p>What time did the children arrive at the farm park?</p> <p><b>five minutes to ten</b></p>	

	
<p>Draw the hands on the clock to show what time the children had lunch at the cafe.</p>	

	
<p>The egg hunt started at five minutes to three. Draw the hands on the clock to show this time.</p>	

	
<p>The clock shows what time the children went to see the lambs being fed. They came out of the barn after half an hour. Draw the hands on the clock to show when the lamb feeding finished.</p>	

	
<p>The clock shows what time the children began their journey home. It took 2 hours and 15 minutes. Draw the hands on the clock to show when they got home.</p>	

# Egg Boxes

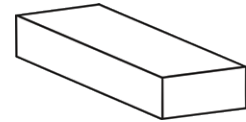
These Easter eggs all need to be packaged in different boxes. Can you match the Easter egg to the correctly shaped box? The first one has been done for you.

## Chocolate Egg

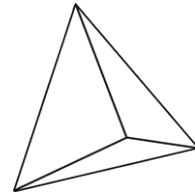
## Egg Box



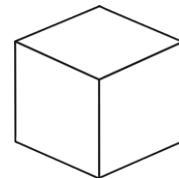
cuboid



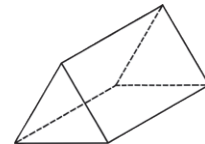
cube



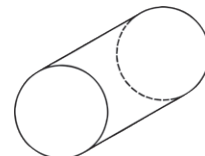
cylinder



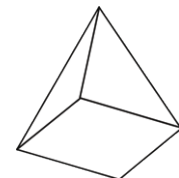
triangular prism



tetrahedron



square-based pyramid



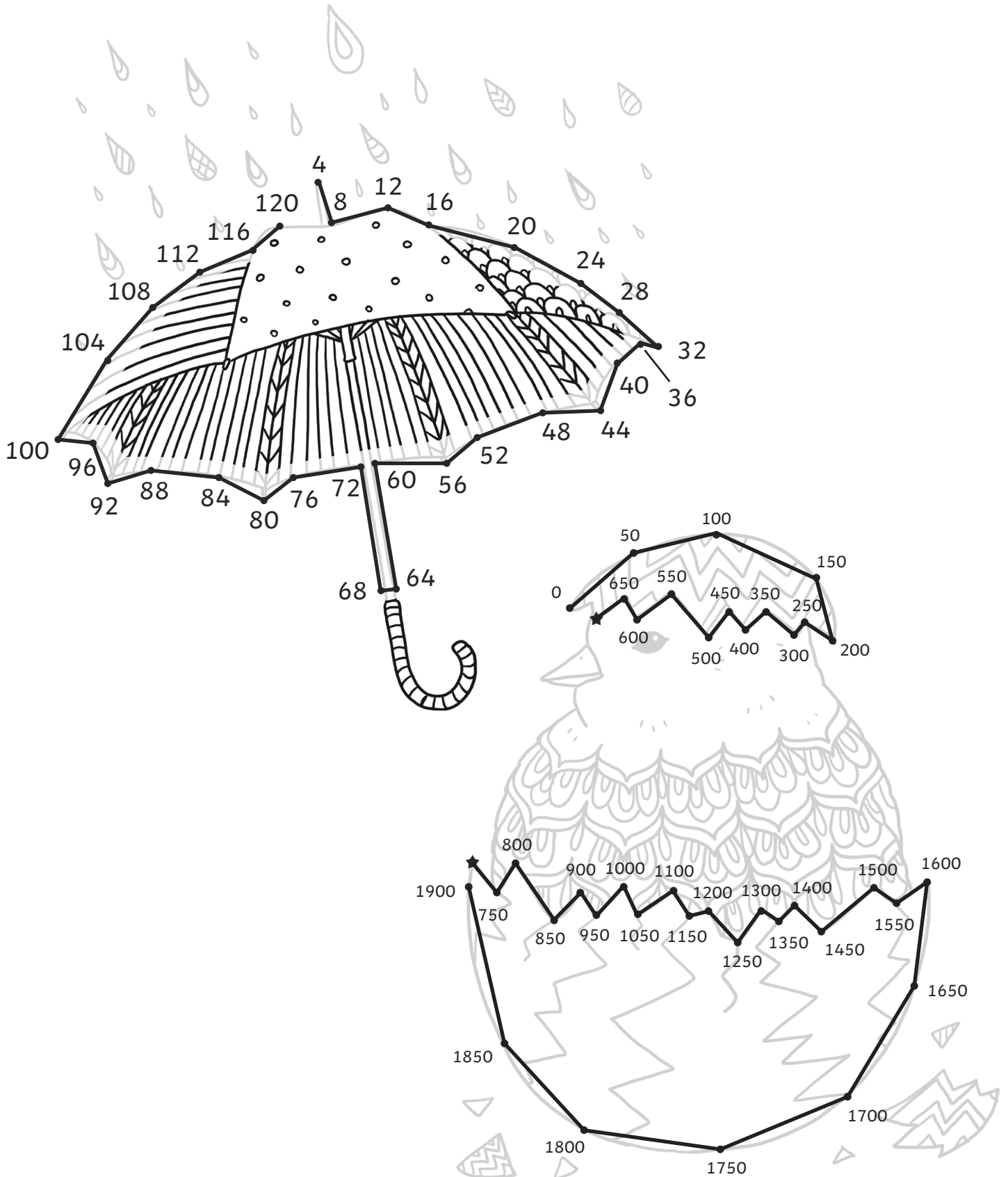
## Challenge

Pick one of the Easter eggs and look at its box. Can you describe the properties of the 3D box to a partner and ask them to work out which egg you have chosen?

# Counting in Multiples Dot to Dots

Count on in multiples to join the dots and complete the pictures.

A star dot shows the end of a line. When you reach a star dot, start a new line from the next dot.





# Spring Code Breaker

Solve the calculations and use the code breaker to spell out the spring-themed words.

A	B	C	D	E	F	G	H	I	J	K	L	M
26	25	24	23	22	21	20	19	18	17	16	15	14

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
13	12	11	10	9	8	7	6	5	4	3	2	1

	Answer	Letter
$5 \times 5$	25	B
$260 \div 10$	26	A
$2 \times 4$	8	S
Double 8	16	K
$11 \times 2$	22	E
$\frac{1}{2}$ of 14	7	T

	Answer	Letter
$6 \times 4$	24	C
$65 - 46$	19	H
$9 \times 2$	18	I
$\frac{1}{2}$ of 48	24	C
$4 \times 4$	16	K
$64 \div 8$	8	S

	Answer	Letter
$11 \times 2$	22	E
$100 \div 5$	20	G
$5 \times 4$	20	G
$32 \div 4$	8	S

	Answer	Letter
$3 \times 5$	15	L
Double 13	26	A
$7 \times 2$	14	M
$5 \times 5$	25	B

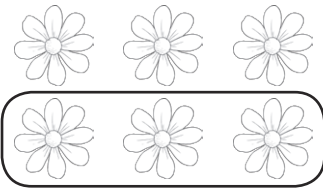

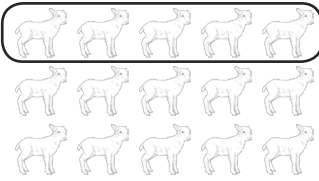
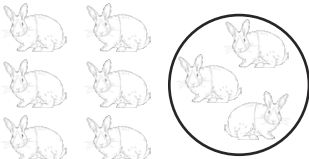
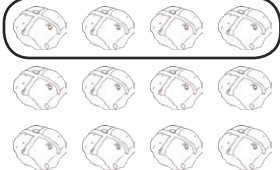

	Answer	Letter
$38 \div 2$	19	H
$48 \div 4$	12	O
$56 \div 8$	7	T
$3 \times 8$	24	C
$72 \div 8$	9	R
$3 \times 4$	12	O
$40 \div 5$	8	S
$24 \div 3$	8	S
$\frac{1}{2}$ of 50	25	B
$48 \div 8$	6	U
$130 \div 10$	13	N

	Answer	Letter
$100 - 75$	25	B
$18 \div 3$	6	U
$26 \div 2$	13	N
$100 - 87$	13	N
$16 \div 8$	2	Y



# Spring Fractions

Write a fraction sentence for each picture. The first one has been done for you.

 <p><math>\frac{1}{2}</math> of 6 = 3</p>	 <p><math>\frac{1}{5}</math> of 10 = 2</p>	 <p><math>\frac{1}{3}</math> of 15 = 5</p>
 <p><math>\frac{1}{3}</math> of 9 = 3</p>	 <p><math>\frac{1}{3}</math> of 12 = 4</p>	 <p><math>\frac{1}{4}</math> of 12 = 3</p>

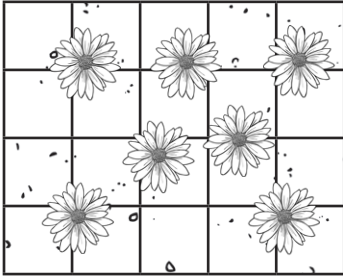
Can you draw some spring-themed pictures to go with each fraction sentence?

<p>Pupil's own answer showing 16 items, 4 of which are contained within a circle.</p> <p><math>\frac{1}{4}</math> of 16 = 4</p>	<p>Pupil's own answer showing 4 items, 2 of which are contained within a circle.</p> <p><math>\frac{1}{2}</math> of 4 = 2</p>
<p>Pupil's own answer showing 18 items, 6 of which are contained within a circle.</p> <p><math>\frac{1}{3}</math> of 18 = 6</p>	<p>Pupil's own answer showing 20 items, 10 of which are contained within a circle.</p> <p><math>\frac{2}{4}</math> of 20 = 10</p>

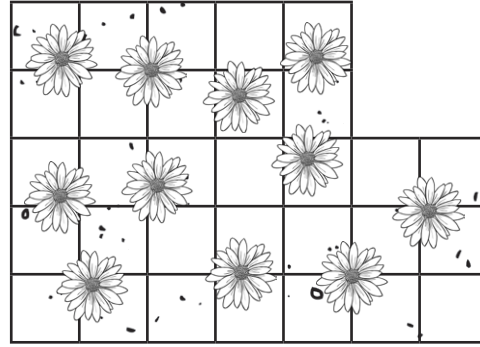
# Flowerbed Perimeter

Look at these flowerbeds that a school's gardening club have been working on. Can you calculate the perimeter of each flowerbed?

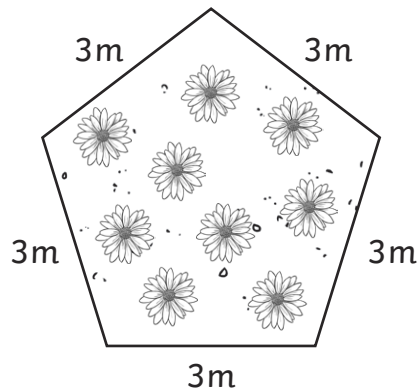
Each square on the grid represents 1m.



18 m



24 m



15 m

Can you draw a flowerbed with a perimeter of 16m? Each square on the grid represents 1m.  
**Accept any shape with a perimeter of 16m.**