Spring-Themed

Maths Activity Booklet **Answers**

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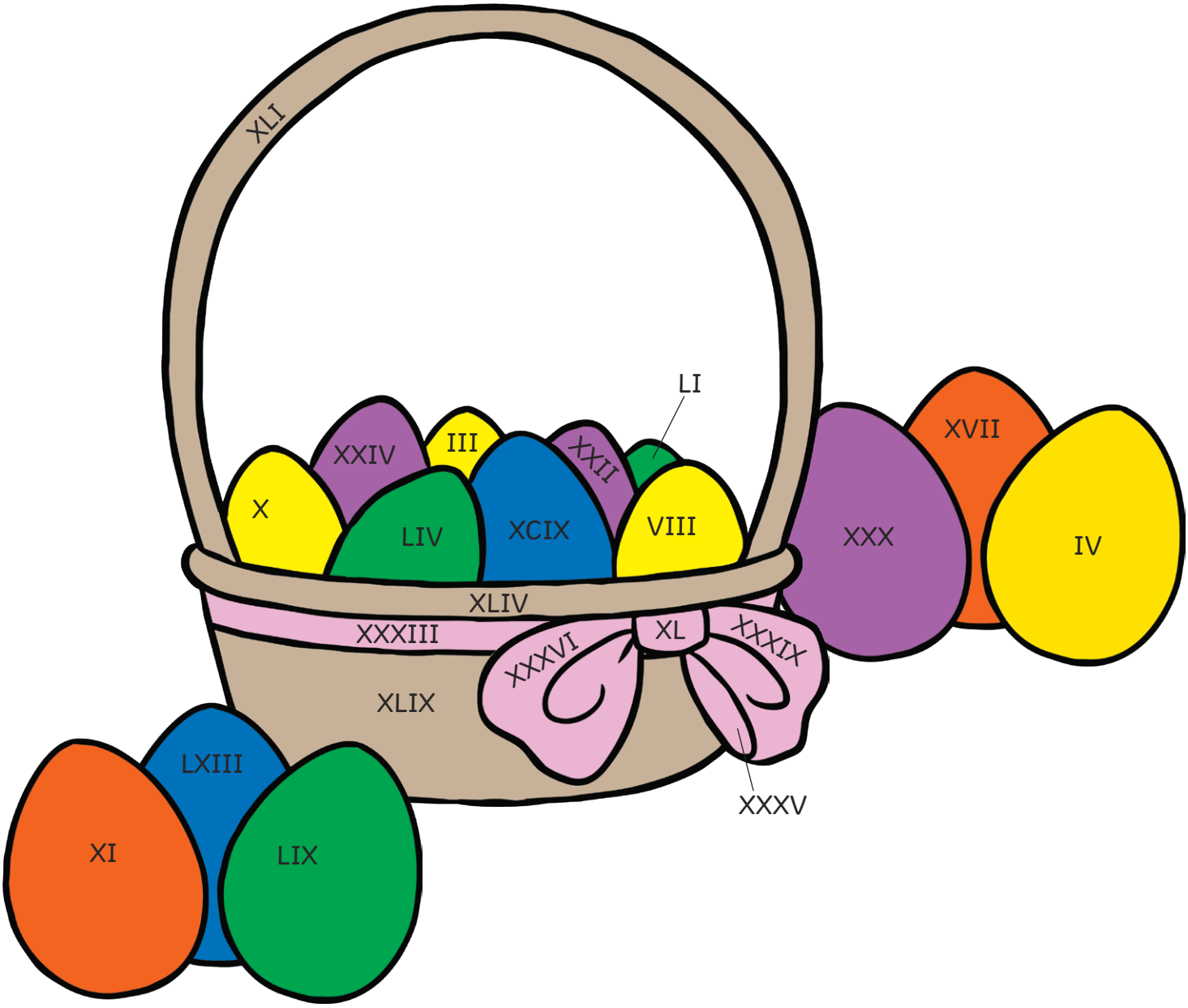
Springtime Colour by Roman Numerals

Use the key to colour the spring-themed picture.

yellow	orange	purple	pink	brown	green	blue
0 – 10	11 – 20	21 – 30	31 – 40	41 – 50	51 – 60	61 – 100



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Counting in 6s Spring Maze

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

0	12	18	24	30	18	12
6		24		24		18
12	**18**	**24**	**30**	**36**	30	24
66		42		**42**		36
90	84	**72**	**66**	**60**	**54**	**48**	36	42
96		**78**		78		60		48
102	96	**84**	**90**	**96**	78	66	60	54
108		96		**102**		84		
120	114	108	102	**108**	**114**	**120**		
108		114		102		**126**		
114	126	120	126	120	114	108		

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Multiplication and Division Facts Spring Mosaic

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

20, 24, 27, 30, 40, 77, 81, 88, 90, 96 or 144 = blue	**8, 9, 12, 14, 42 or 66** = pink	**3, 4, 6, 7, 8, 28, 33, 36, 54, 60, 80, 84, 108 or 132** = grey	**15, 16, 21, 45 or 72** = black

8 × 3	9 × 4	4 × 15	20 × 4	6 × 5	12 × 9	6 × 9	6 × 22	3 × 30
3 × 11	12 × 3	3 × 4	4 × 21	9 × 3	7 × 12	11 × 6	4 × 33	11 × 12
6 × 15	48 × 3	8 × 1	6 × 6	4 × 36	12 × 5	2 × 6	4 × 5	36 × 4
5 × 4	6 × 24	7 × 2	27 × 4	32 × 3	12 × 11	1 × 9	15 × 6	3 × 8
30 × 3	18 × 8	3 × 3	9 × 6	8 × 5	6 × 18	6 × 7	22 × 4	9 × 16
4 × 22	3 × 9	33 × 4	7 × 4	14 × 6	4 × 9	9 × 4	3 × 48	11 × 7
6 × 4	22 × 6	12 × 7	5 × 3	9 × 12	3 × 15	12 × 3	6 × 6	12 × 12
4 × 36	3 × 12	5 × 12	11 × 12	4 × 20	6 × 22	11 × 3	27 × 4	4 × 24
16 × 6	4 × 27	6 × 14	9 × 4	6 × 11	4 × 33	4 × 21	21 × 4	27 × 3
3 × 27	24 × 4	4 × 20	18 × 6	33 × 4	15 × 4	4 × 7	3 × 32	5 × 6

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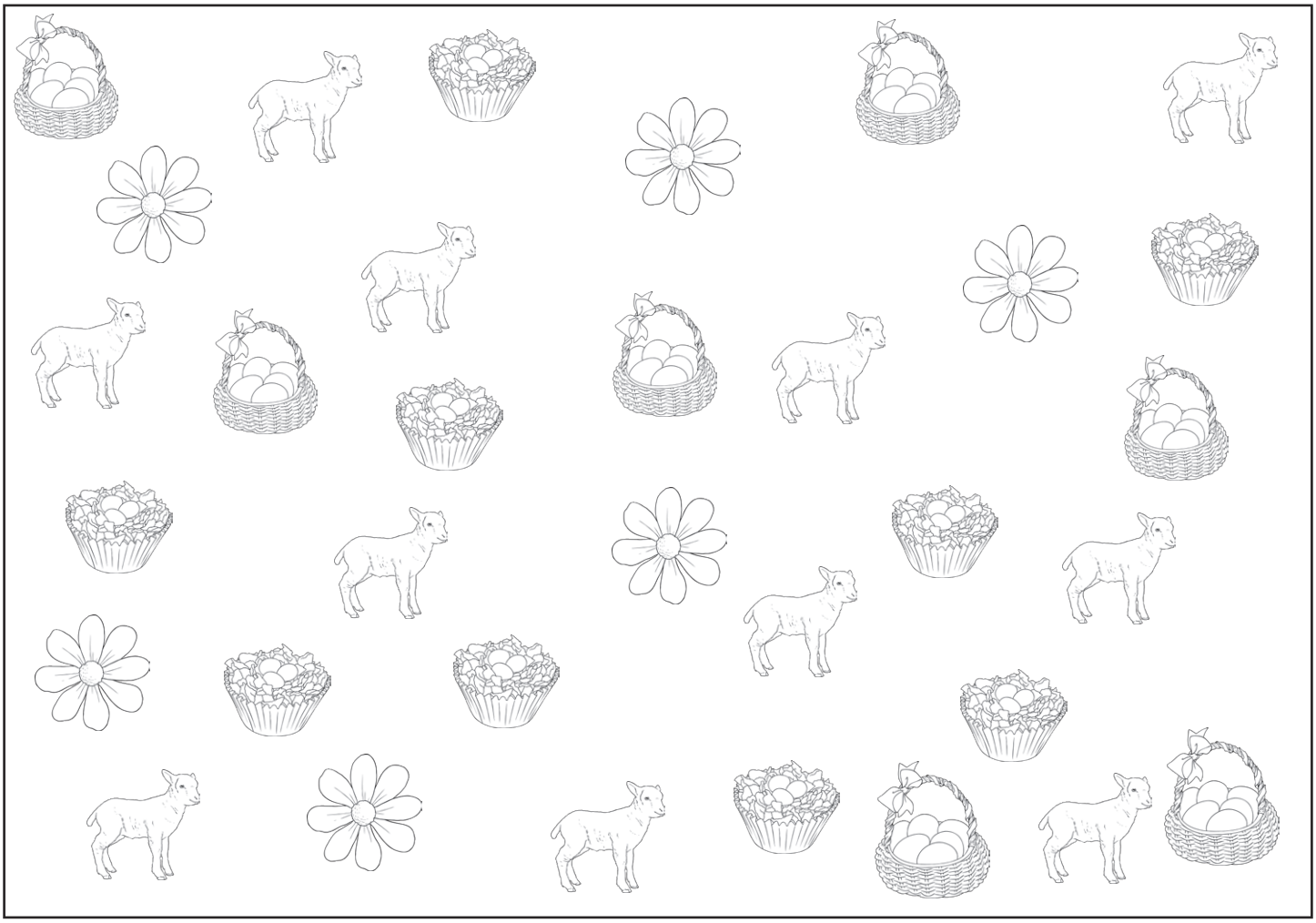
Springtime I Spy and Calculate

Count the spring-themed objects and solve the calculations.



	Number found:	**7**	Number of eggs in each basket:	**6**	Number of eggs in total:	**42**
	Number found:	**6**	Number of petals on each flower:	**8**	Number of petals in total:	**48**
	Number found:	**11**	Number of legs on each lamb:	**4**	Number of legs in total:	**44**
	Number found:	**9**	Number of chocolate eggs on each cake:	**3**	Number of chocolate eggs in total:	**27**

Eli works out that there are 32 rabbit ears in a picture. How many rabbits were there? What calculation did you use to find the answer? **There are 16 rabbits. 32 ÷ 2 = 16**

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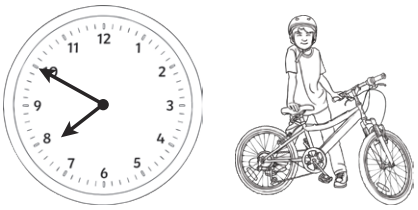
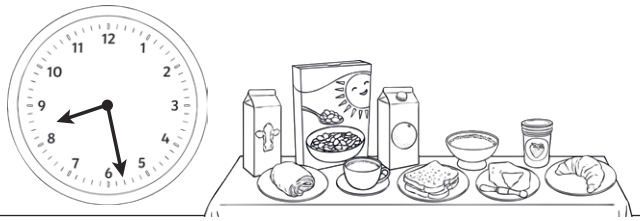
Easter Holiday Time!

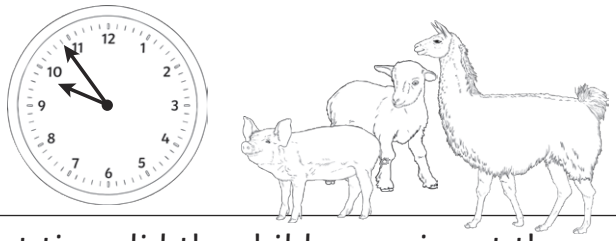
What time did the children get up?
five minutes past 6



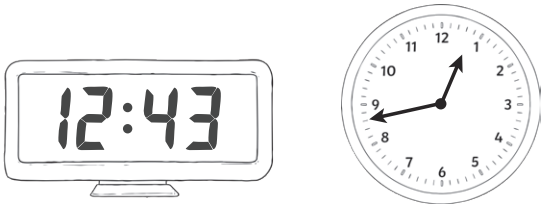
What time did the children set off for the farm park? **ten minutes to eight**



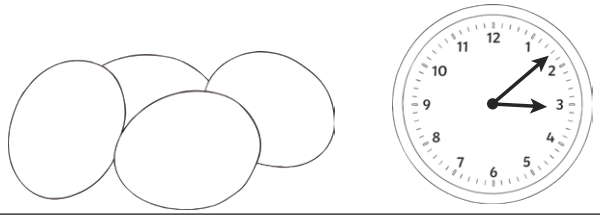
What time did the children stop for breakfast?
twenty-eight minutes past 8



What time did the children arrive at the farm park? **six minutes to ten**

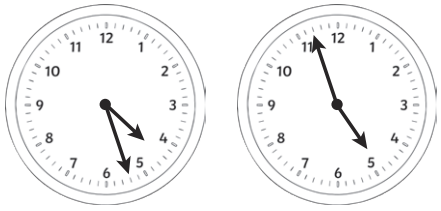


Draw the hands on the clock to show what time the children had lunch at the café.



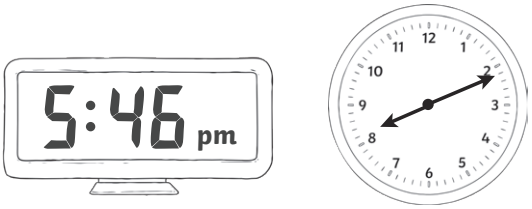
The egg hunt started at eight minutes past three.

Draw the hands on the clock to show this time.



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.



The clock shows what time the children began their journey home. It took 2 hours and 25 minutes.

Draw the hands on the clock to show when they got home.

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Counting in Multiples Dot to Dot

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

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

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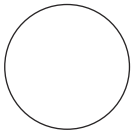
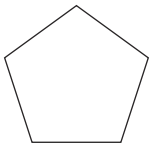
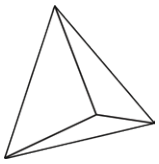
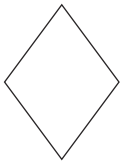
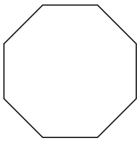
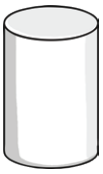
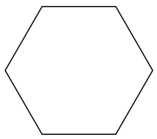
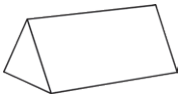
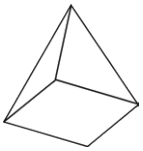
Hidden Eggs

Some eggs are hidden behind the shapes in the grid below.

Write the location of the shape described.

6						
5						
4						
3						
2						
1						
	1	**2**	**3**	**4**	**5**	**6**

Shape	**Location**
A 3D shape with two triangular faces and three rectangular faces	**(1,2)**
A regular 2D shape with eight sides	**(4,4)**
A 3D shape with no vertices and no edges	**(3,1)**
A regular 2D shape with five lines of symmetry	**(6,6)**
A 3D shape with 5 vertices	**(6,2)**

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
$\frac{1}{4}$ of 100	**25**	**B**
13 × 2	**26**	**A**
72 ÷ 9	**8**	**S**
4 × 4	**16**	**K**
$\frac{1}{3}$ of 66	**22**	**E**
42 ÷ 6	**7**	**T**

	Answer	Letter
6 × 4	**24**	**C**
$\frac{1}{2}$ of 38	**19**	**H**
3 × 6	**18**	**I**
3 × 8	**24**	**C**
2 × 8	**16**	**K**
88 ÷ 11	**8**	**S**

	Answer	Letter
11 × 2	**22**	**E**
$\frac{1}{5}$ of 100	**20**	**G**
5 × 4	**20**	**G**
32 ÷ 4	**8**	**S**

	Answer	Letter
$\frac{3}{10}$ of 50	**15**	**L**
$\frac{1}{2}$ of 52	**26**	**A**
$\frac{1}{10}$ of 140	**14**	**M**
$\frac{1}{3}$ of 75	**25**	**B**

	Answer	Letter
38 ÷ 2	**19**	**H**
144 ÷ 12	**12**	**O**
77 ÷ 11	**7**	**T**
3 × 8	**24**	**C**
108 ÷ 12	**9**	**R**
132 ÷ 11	**12**	**O**
40 ÷ 5	**8**	**S**
24 ÷ 3	**8**	**S**
$\frac{1}{6}$ of 150	**25**	**B**
48 ÷ 8	**6**	**U**
130 ÷ 10	**13**	**N**

	Answer	Letter
250 ÷ 10	**25**	**B**
18 ÷ 3	**6**	**U**
26 ÷ 2	**13**	**N**
$\frac{1}{2}$ of 26	**13**	**N**
16 ÷ 8	**2**	**Y**

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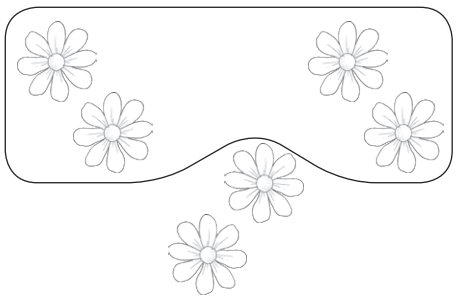
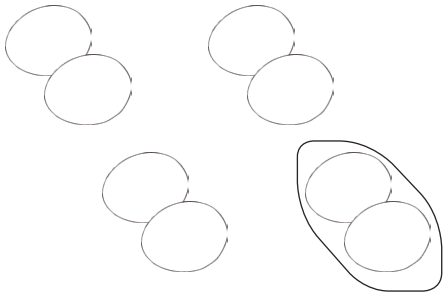
Spring Fractions

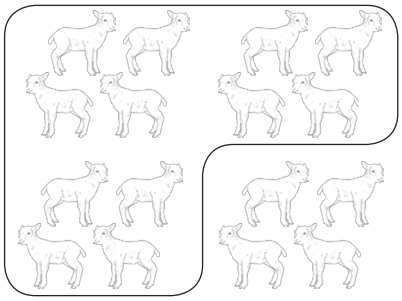
Write a fraction sentence for each picture. The first one has been done for you.



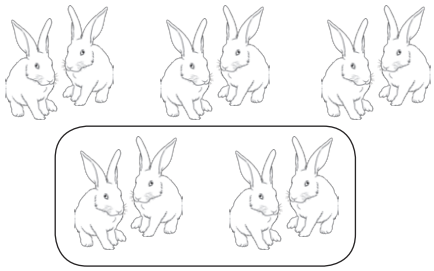
$\frac{2}{3}$ of 6 = 4



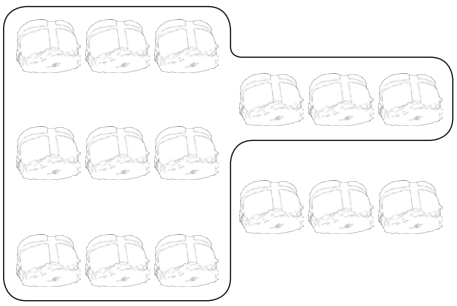
$\frac{1}{4}$ of 8 = 2



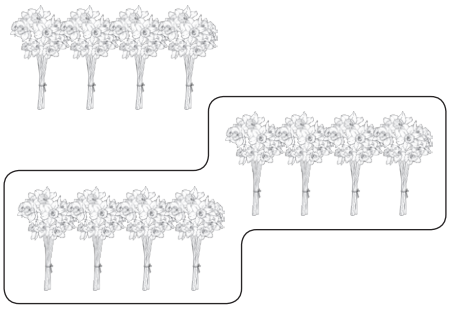
$\frac{3}{4}$ of 16 = 12



$\frac{2}{5}$ of 10 = 4



$\frac{4}{5}$ of 15 = 12



$\frac{2}{3}$ of 12 = 8

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

Pupil's own answer showing 8 items, 4 of which are contained within a circle.

$\frac{1}{2}$ of 8 = 4

Pupil's own answer showing 12 items, 9 of which are contained within a circle.

$\frac{3}{4}$ of 12 = 9

Pupil's own answer showing 9 items, 6 of which are contained within a circle.

$\frac{2}{3}$ of 9 = 6

Pupil's own answer showing 24 items, 18 of which are contained within a circle.

$\frac{3}{4}$ of 24 = 18

Coordinates Mystery Picture

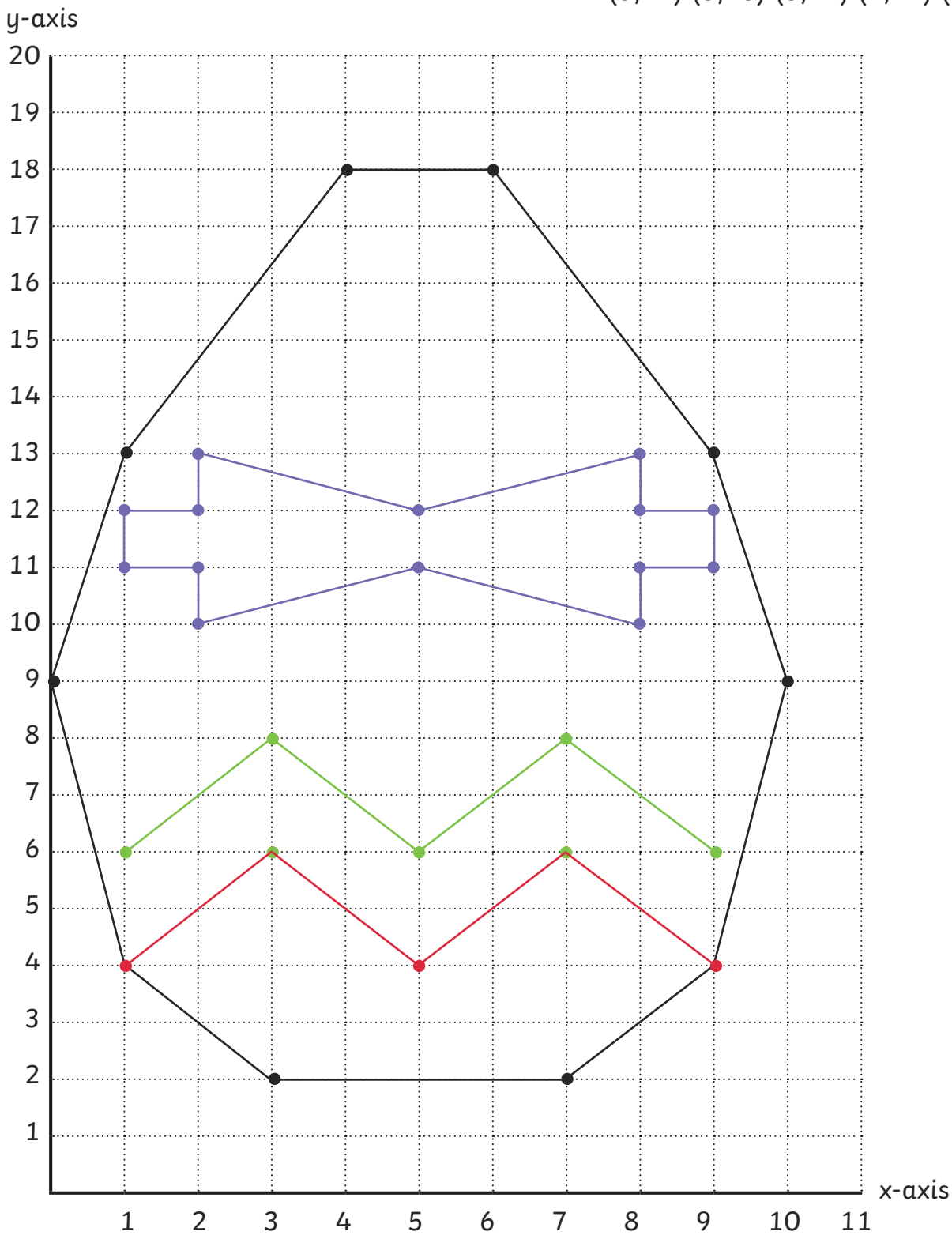
Plot these coordinates on to the grid and join them together to draw a springtime treat.

Line 1: (10,9) (9,4) (7,2) (3,2) (1,4) (0,9) (1,13) (4,18) (6,18) (9,13) (10,9)

Line 2: (1,4) (3,6) (5,4) (7,6) (9,4)

Line 3: (1,6) (3,8) (5,6) (7,8) (9,6)

Line 4: (1,12) (3,12) (3,13) (5,12) (7,13) (7,12) (9,12) (9,11) (7,11) (7,10) (5,11) (3,10) (3,11) (1,11) (1,12)



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