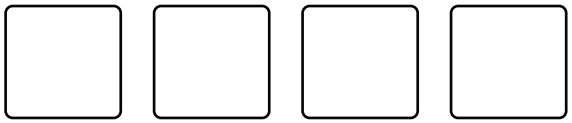
Week One

Task 1

Use the clues to find the missing digits.



The whole number has a digit total of 19.

The thousands digit and the hundreds digit have a digit total of 10.

The tens digit minus the ones digit equals 1.

The hundreds digit minus the tens digit equals the ones digit.

Task 2

Which column should you look at when rounding to the nearest 100? Circle it.

a) ones

b) tens

c) hundreds

Task 3

A whole number is rounded to the nearest 10, giving the answer 200.
What could the number have been?

Task 4

Complete the table.

	Add 10	Add 100	Add 1,000
4,195			
8,888			
9,000			

Task 5

Complete the sum.

	6	0	0	2
+	1	6	8	9

Task 6

Find 5 numbers that round to 3,000 when rounded to the nearest 1,000.

Week Two

Task 1

Order the numbers from smallest to largest.

23,000	85
581	3,500
6,185	59,014
682	100

Task 2

Find the missing numbers.

a) 40,500 = 40,000 + _____

b) 19,200 = 10,000 + _____ + _____

c) _____ = 60,000 + 800 + 90

Task 3

True or false

If you are counting down in 10,000s from 88,350, you will say the number 53,850.

True ☐ False ☐

Task 4

Circle and correct the mistake in the sequence.

102, 1,012, 2,102,

3,102, 4,102, 5,102

Task 5

Complete the sum.

	5	3	9	0
+	2	8	2	4

Task 6

Compare the numbers using <, > or =.

LXXVIII	◯	158
29	◯	C
LIX	◯	62

Week Three

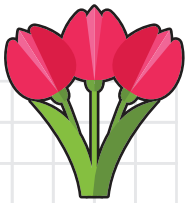
Task 1

Order the numbers from largest to smallest.

914	140
63	82,104
59	4,222
33,186	92,198

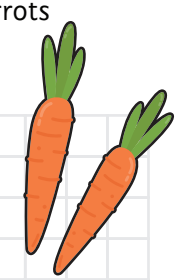
Task 2

In the valley, there were 6,298 flowers blooming in the valley. Within a week, 1,770 had lost their petals.
How many flowers had not lost their petals?



Task 3

140 carrots were shared equally into 10 bags. How many carrots were in each bag?



Task 4

In each class, there were 3 children to a table. If there were ten tables, how many children were in each class?

There were ten classes in the school.
How many children were there in total?

Task 5

Complete the sum.

	2	8	0	7	9
+		3	4	5	1

Task 6

Use <,> or = to compare the value of these numbers.

-2	◯	-8
0	◯	-11
10	◯	-10

Week Four

Task 1

Order the numbers from smallest to largest.

701,200	851,438
25,051	5,295
96,491	1,022
233	41,206

Task 2

Complete the multiplication calculations.

10 x 10 x 10 = _____
58 x 10 = _____
100 x 66 = _____
73 x 1,000 = _____

Task 3

Lyle wants to share £5 with 500 people.
How much would each person receive?

Task 4

Match the Roman Numerals to the correct numbers.

CM	560
CIII	254
XCIX	900
CCLIV	99
DLX	103

Task 5

A chef cooks 7,683 meals in month.
The following month, he cooks 806 less lunches and 1,294 less evening meals.
How many meals did he cook in the second month?

Task 6

Round these numbers to the nearest 10,000.

85,000 = _____
24,999 = _____
99,400 = _____

Week Five

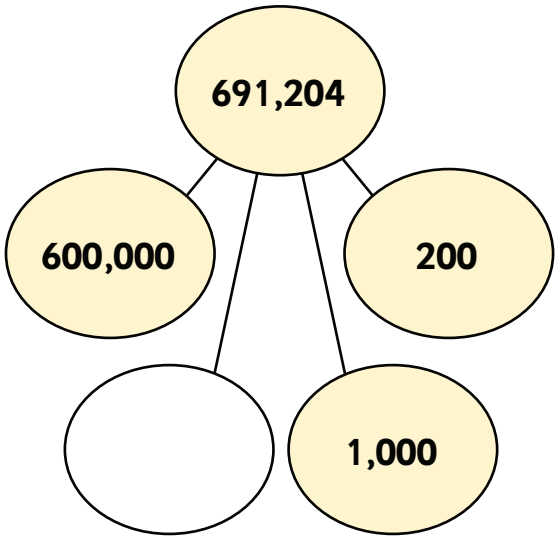
Task 1

Order the numbers from largest to smallest.

184,041	85,391
96,011	509,350
893	1,092
9,332	423

Task 2

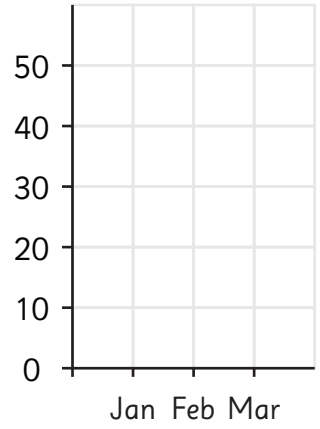
Complete the part-whole diagram.



Task 3

Rick is counting up in 100,000s from 3,901.
What number would he say ninth?

Task 4



In January, there were 15 swallows roosting in the barn. In February, there were 15 more. In March, there were 20 less.
Draw a line to show this information and label the table accordingly.

Task 5

Complete the subtraction calculation.

	4	5	8	7	7
-	2	7	1	0	8

Task 6

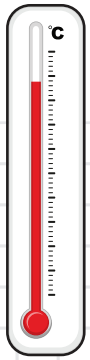
Circle the multiples of 5.
Tick the multiples of 2.
Is there any link between the numbers that are both circled and ticked?

75	23	
59	10	48
84	15	
30	66	92
100	45	

Week Six

Task 1

What is the difference between 38°C and -13°C?



Task 2

In one summer, Ben hiked 1,250 km and the next he hiked 340 km more.

The following summer, he hiked 617 km less than the total of the previous two summers.

How many kilometres did he hike in the third summer?

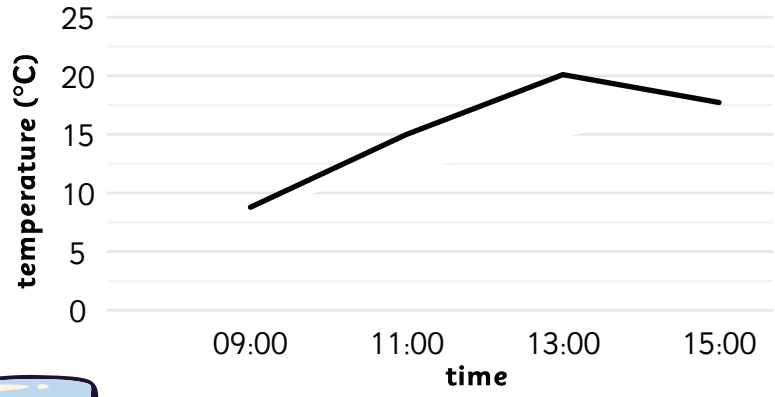
Task 3

Round 385,199 to the nearest:

1,000 = _____
10,000 = _____
100,000 = _____

Task 4

What was the difference in temperature in the classroom between 11:00 and 13:00?



Task 5

Circle the calculation that is the best estimate for the total of 10,518 + 24,581.

10,000 + 25,000

11,000 + 20,000

10,500 + 20,000

Task 6

Find all the factors of 100.

Week Seven

Task 1

Find the area of each colour.

Red = _____ squares

Orange = _____ squares

Blue = _____ squares

Green = _____ squares

Task 2

The sum of two numbers is 8,941.
The difference between the same two numbers is 2,505.
What are the two numbers?

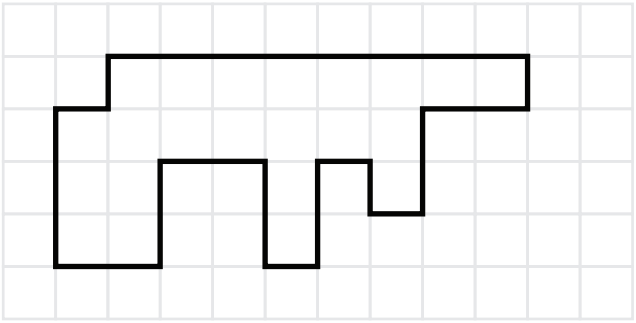
Task 3

Write the Roman Numeral in digits.

DCCCLXVII

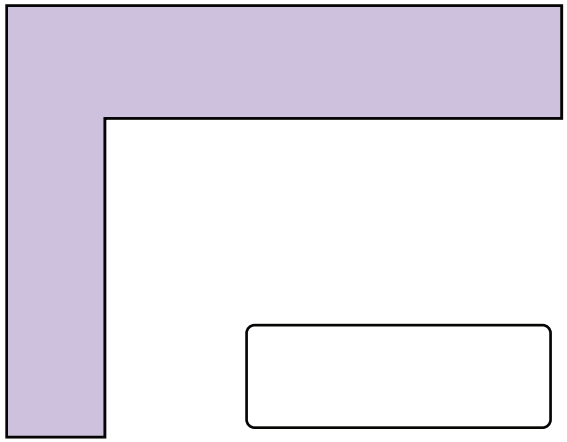
Task 4

Find the perimeter of the shape on this centimetre square grid.



Task 5

Measure the perimeter of this shape.



Task 6

Find all the common factors of 42 and 48.

Week Eight

Task 1

Find the area of the rectangle.

Task 2

Find the perimeter of the playground.

Task 3

Calculate 8,124 - 2,750.

Task 4

The table compares the heights of different animals in the zoo.

Animal	Giraffe	Elephant	Meerkat	Hyena
Height	610 cm	320 cm	30 cm	92 cm

What is the difference in height between the tallest and shortest animal?

What is the total height of the animals?

Task 5

Use <, > or = to finish the statements.

41 x 100	◯	410 x 10
190 x 10	◯	1,900 x 100
78 x 1,000	◯	780 x 10

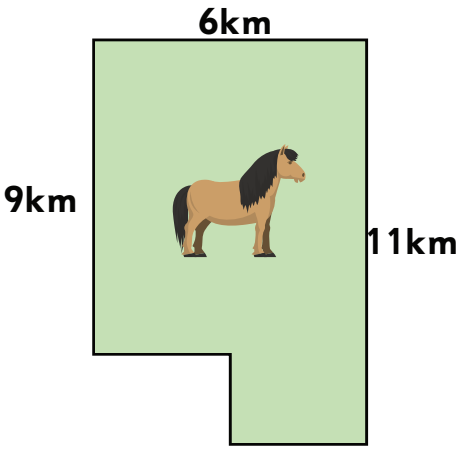
Task 6

Fatima says that all prime numbers end in 1, 3, 7 and 9.
Do you agree?
Explain your answer fully.

Week Nine

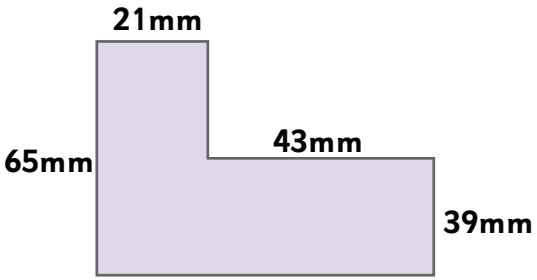
Task 1

Find the perimeter of the paddock.



Task 2

Find the area of the compound shape.



Task 3

I'm thinking of a number.
After I add 2,186, my number is 11,485.
What was my original number?

Task 4

The table shows what desserts the children had at the restaurant.
Complete the table.

	Year 4	Year 5	Year 6	Total
Cheesecake	58	33		97
Sundae	2		54	
Total		60	60	

How many more children in Y6 had the sundae than Y5 and Y4?

Task 5

Solve these division calculations.

30,900 ÷ 10 = _____	
48,400 ÷ 100 = _____	
82,000 ÷ 1,000 = _____	

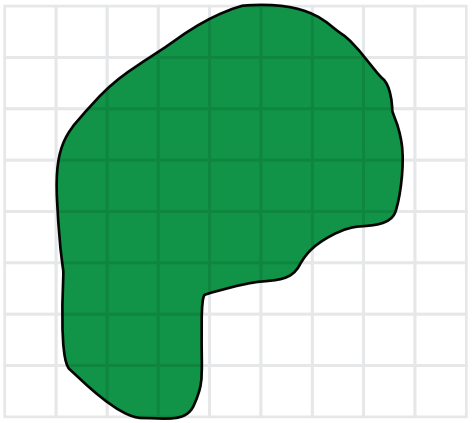
Task 6

There are 9 square numbers less than 100.
Find them all.

Week Ten

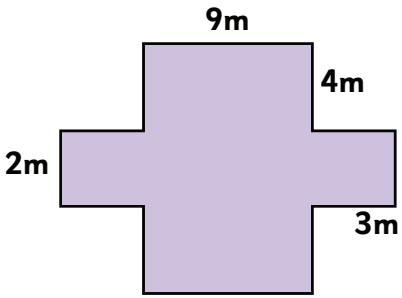
Task 1

Estimate the area of the forest. Each square = 1 m^2.



Task 2

Find the perimeter of the pool. It has a line of horizontal and vertical symmetry.



Task 3

Ken has done a subtraction calculation.

3,591 – 1,992 = 1,699

Complete the inverse calculation to check his working.

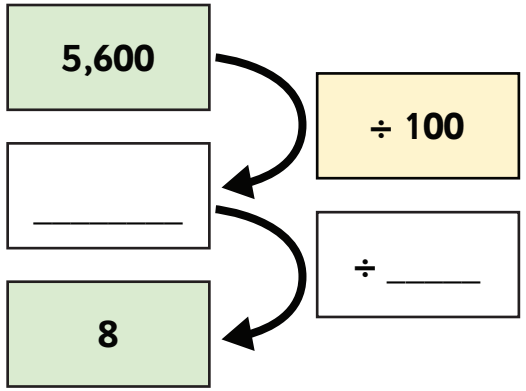
Task 4

Circle the bus from Crosby you would you need to catch to get to Southport by 09:35.

Bus Timetable				
Liverpool Central	08:33	08:41	08:49	09:01
Crosby	08:50	08:58	09:06	09:14
Formby	08:59	09:07	09:15	09:23
Southport	09:12	09:20	09:28	09:36

Task 5

Complete the diagram.



Task 6

Use <, > or = to compare these numbers.

3^3	○	64
125	○	6^3
2^3	○	8

Week One

Task 1

Use the clues to find the missing digits.

1	9	5	4

The whole number has a digit total of 19.

The thousands digit and the hundreds digit have a digit total of 10.

The tens digit minus the ones digit equals 1.

The hundreds digit minus the tens digit equals the ones digit.

Task 2

Which column should you look at when rounding to the nearest 100? Circle it.

a) ones

b) tens

c) hundreds

Task 3

A whole number is rounded to the nearest 10, giving the answer 200.
What could the number have been?

195, 196, 197, 198, 199, 200, 201, 202, 203, 204

Task 4

Complete the table.

	Add 10	Add 100	Add 1,000
4,195	4,205	4,295	5,195
8,888	8,898	8,988	9,888
9,000	9,010	9,100	10,000

Task 5

Complete the sum.

	6	0	0	2
+	1	6	8	9
	7	6	9	1
			1	

Task 6

Find 5 numbers that round to 3,000 when rounded to the nearest 1,000.

Any five numbers between 2,500 and 3,499.

Week Two

Task 1

Order the numbers from smallest to largest.

23,000	85
581	3,500
6,185	59,014
682	100

85, 100, 581, 682, 3,500, 6,185, 23,000, 59,014

Task 2

Find the missing numbers.

a) 40,500 = 40,000 + 500

b) 19,200 = 10,000 + 9,000 + 200

c) 60,890 = 60,000 + 800 + 90

Task 3

True or false

If you are counting down in 10,000s from 88,350, you will say the number 53,850.

True ☐ False ☑

Task 4

Circle and correct the mistake in the sequence.

102

102, 1,012, 2,102,

3,102, 4,102, 5,102

Task 5

Complete the sum.

	5	3	9	0
+	2	8	2	4
	8	2	1	4
	1	1		

Task 6

Compare the numbers using <, > or =.

LXXVIII	<	158
29	<	C
LIX	<	62

Week Three

Task 1

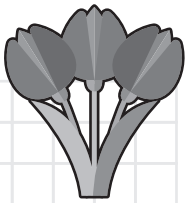
Order the numbers from largest to smallest.

914	140
63	82,104
59	4,222
33,186	92,198

92,198, 82,104, 33,186, 4,222, 914, 140, 63, 59

Task 2

In the valley, there were 6,298 flowers blooming in the valley. Within a week, 1,770 had lost their petals.
How many flowers had not lost their petals?



4,528

Task 3

140 carrots were shared equally into 10 bags. How many carrots were in each bag?

14

Task 4

In each class, there were 3 children to a table. If there were ten tables, how many children were in each class?

30

There were ten classes in the school.
How many children were there in total?

300

Task 5

Complete the sum.

	2	8	0	7	9
+		3	4	5	1
	3	1	5	3	0
	1		1	1	

Task 6

Use <,> or = to compare the value of these numbers.

-2	>	-8
0	>	-11
10	<	-10

Week Four

Task 1

Order the numbers from smallest to largest.

701,200	851,438
25,051	5,295
96,491	1,022
233	41,206

233, 1,022, 5,295, 25,051, 41,206, 96,491, 701,200, 851,438

Task 2

Complete the multiplication calculations.

10 x 10 x 10 =	1,000
58 x 10 =	580
100 x 66 =	6,600
73 x 1,000 =	73,000

Task 3

Lyle wants to share £5 with 500 people.
How much would each person receive?

1p

Task 4

Match the Roman Numerals to the correct numbers.

CM	560
CIII	254
XCIX	900
CCLIV	99
DLX	103

Task 5

A chef cooks 7,683 meals in month.
The following month, he cooks 806 less lunches and 1,294 less evening meals.
How many meals did he cook in the second month?

5,583

Task 6

Round these numbers to the nearest 10,000.

85,000 =	90,000
24,999 =	20,000
99,400 =	100,000

Week Five

Task 1

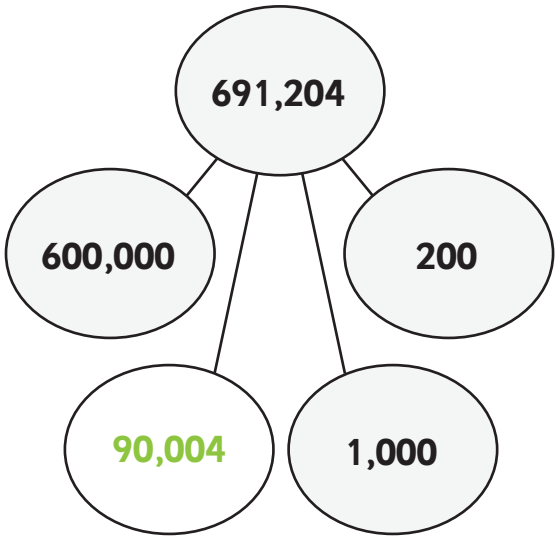
Order the numbers from largest to smallest.

184,041	85,391
96,011	509,350
893	1,092
9,332	423

509,350, 184,041, 96,011, 85,391, 9,332, 1,092, 893, 423

Task 2

Complete the part-whole diagram.

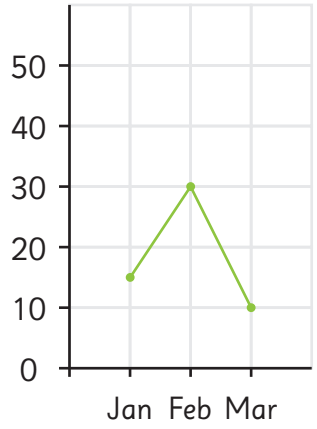


Task 3

Rick is counting up in 100,000s from 3,901.
What number would he say ninth?

903,901

Task 4



In January, there were 15 swallows roosting in the barn. In February, there were 15 more. In March, there were 20 less. Draw a line to show this information and label the table accordingly.

Task 5

Complete the subtraction calculation.

	3 4	1 5	8	6 7	1 7
-	2	7	1	0	8
	1	8	7	6	9

Task 6

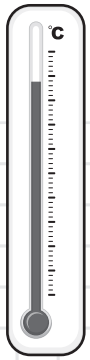
Circle the multiples of 5.
Tick the multiples of 2.
Is there any link between the numbers that are both circled and ticked?

75 23 59 10 48 84 15 30 66 92 100 45

Week Six

Task 1

What is the difference between 38°C and -13°C?



51°C

Task 2

In one summer, Ben hiked 1,250 km and the next he hiked 340 km more.

The following summer, he hiked 617 km less than the total of the previous two summers.

How many kilometres did he hike in the third summer?

2,223 km

Task 3

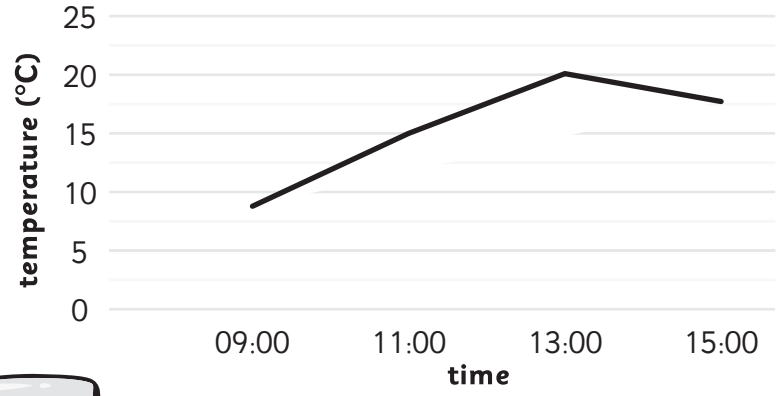
Round 385,199 to the nearest:

1,000 =	385,000
10,000 =	390,000
100,000 =	400,000

Task 4

What was the difference in temperature in the classroom between 11:00 and 13:00?

5°C



Task 5

Circle the calculation that is the best estimate for the total of 10,518 + 24,581.

10,000 + 25,000

11,000 + 20,000

10,500 + 20,000

Task 6

Find all the factors of 100.

1, 2, 4, 5, 10, 20, 25, 50, and 100.

Week Seven

Task 1

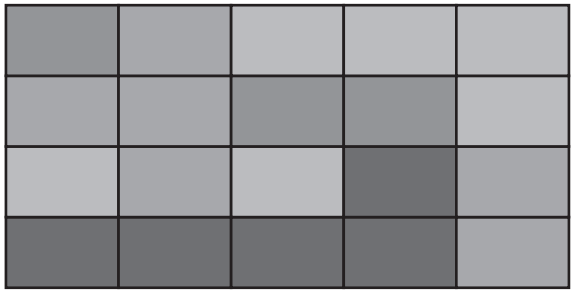
Find the area of each colour.

Red = 5 squares

Orange = 6 squares

Blue = 6 squares

Green = 3 squares



Task 2

The sum of two numbers is 8,941.
The difference between the same two numbers is 2,505.
What are the two numbers?

3,218

5,723

Task 3

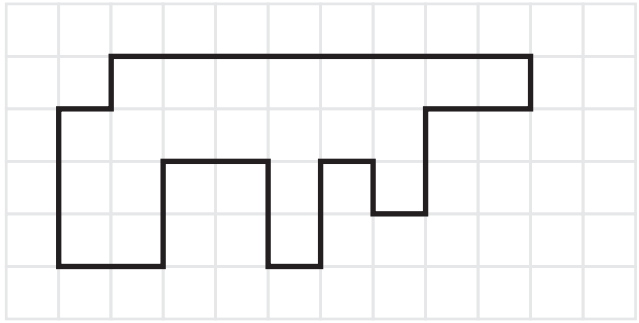
Write the Roman Numeral in digits.

DCCCLXVII

867

Task 4

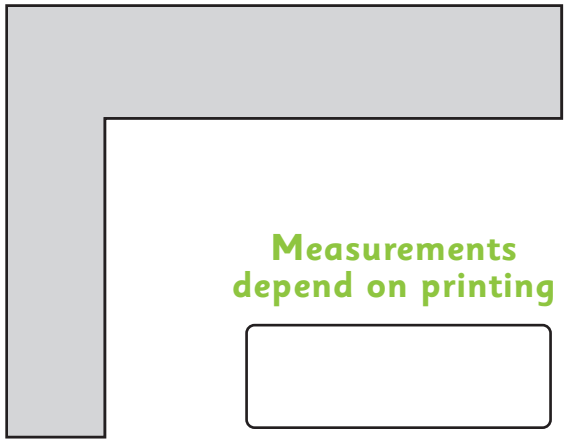
Find the perimeter of the shape on this centimetre square grid.



32cm

Task 5

Measure the perimeter of this shape.



Measurements depend on printing

Task 6

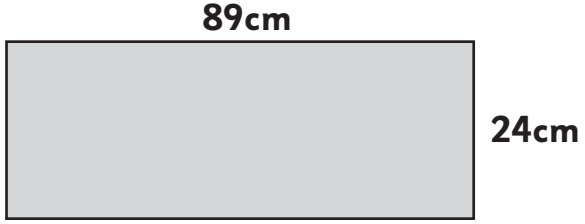
Find all the common factors of 42 and 48.

1, 2, 3, and 6

Week Eight

Task 1

Find the area of the rectangle.



2,136 cm²

Task 2

Find the perimeter of the playground.

86 m

Task 3

Calculate 8,124 - 2,750.

5,374

Task 4

The table compares the heights of different animals in the zoo.

Animal	Giraffe	Elephant	Meerkat	Hyena
Height	610 cm	320 cm	30 cm	92 cm

What is the difference in height between the tallest and shortest animal?

580 cm

What is the total height of the animals?

1,052 cm

Task 5

Use <, > or = to finish the statements.

41 x 100	=	410 x 10
190 x 10	<	1,900 x 100
78 x 1,000	>	780 x 10

Task 6

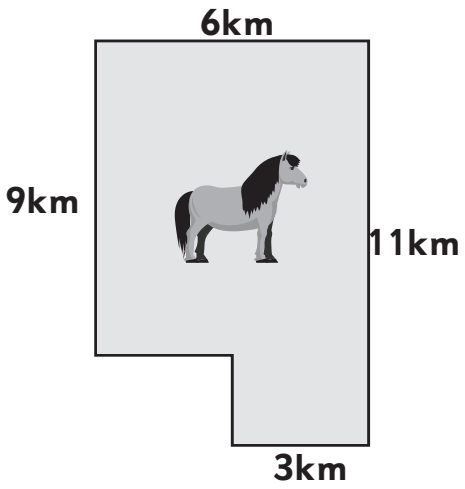
Fatima says that all prime numbers end in 1, 3, 7 and 9.
Do you agree?
Explain your answer fully.

Fatima has forgotten that 2 is a prime number.

Week Nine

Task 1

Find the perimeter of the paddock.



34km

Task 3

I'm thinking of a number.
After I add 2,186, my number is 11,485.
What was my original number?

9,299

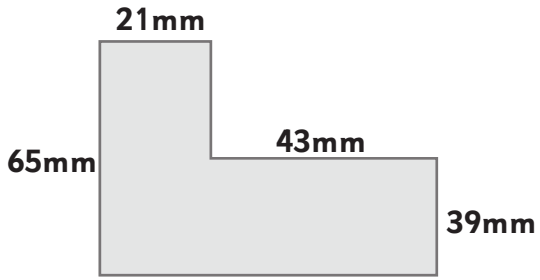
Task 5

Solve these division calculations.

30,900 ÷ 10 =	3,090
48,400 ÷ 100 =	484
82,000 ÷ 1,000 =	82

Task 2

Find the area of the compound shape.



3,042 mm²

Task 4

The table shows what desserts the children had at the restaurant.
Complete the table.

	Year 4	Year 5	Year 6	Total
Cheesecake	58	33	6	97
Sundae	2	27	54	83
Total	60	60	60	

How many more children in Y6 had the sundae than Y5 and Y4?

25

Task 6

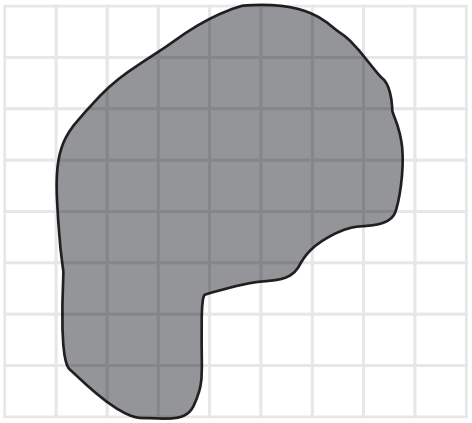
There are 9 square numbers less than 100.
Find them all.

1, 4, 9, 16, 25, 36, 49, 64, 81

Week Ten

Task 1

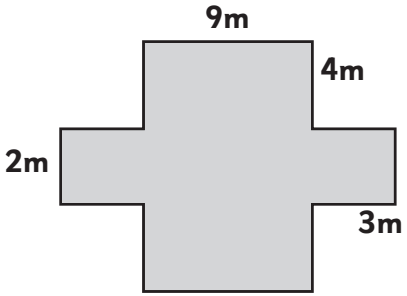
Estimate the area of the forest. Each square = 1 m^2.



About 35 m^2

Task 2

Find the perimeter of the pool. It has a line of horizontal and vertical symmetry.



50 m

Task 3

Ken has done a subtraction calculation.

3,591 – 1,992 = 1,699

Complete the inverse calculation to check his working.

1,992 + 1,699 = 3,691

Ken has made a miscalculation in the 100s column.

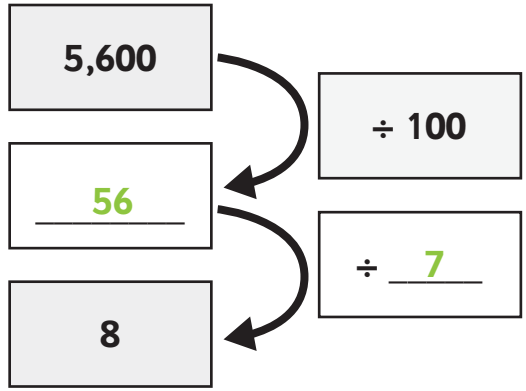
Task 4

Circle the bus from Crosby you would you need to catch to get to Southport by 09:35.

Bus Timetable				
Liverpool Central	08:33	08:41	08:49	09:01
Crosby	08:50	08:58	09:06	09:14
Formby	08:59	09:07	09:15	09:23
Southport	09:12	09:20	09:28	09:36

Task 5

Complete the diagram.



Task 6

Use <, > or = to compare these numbers.

3^3 < 64

125 < 6^3

2^3 = 8