

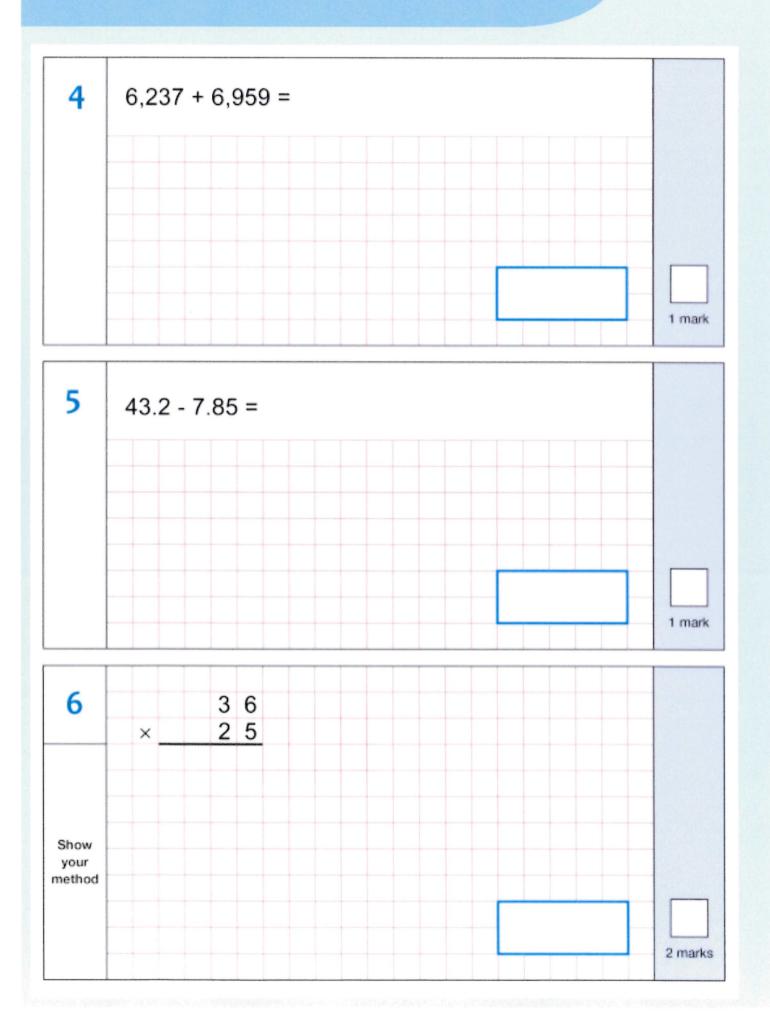
Week 1: Arithmetic







Week 1: Arithmetic



Week 2: Reasoning

Section 1

Order these numbers from smallest to largest:

576 094, 567 094, 576 904, 567 904

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Section 2

Round these numbers to the nearest 100 000:

Section 3

Use these signs < or > to show which number is greater than or less than.

48 701 48 710 81 010 80 999

Section 4

Convert these measurements in litres to millilitres:



Week 2: Reasoning

Section 5

Draw lines to show which fractions, decimals and percentages match.

$$\frac{7}{10}$$

40%

0.01

1%

0.7

$$\frac{1}{100}$$

70%

0.4

Section 7

A shop assistant sold £845 worth of perfume. This was £258 more than yesterday. How much did she sell yesterday?

Section 6

Complete these calculations:

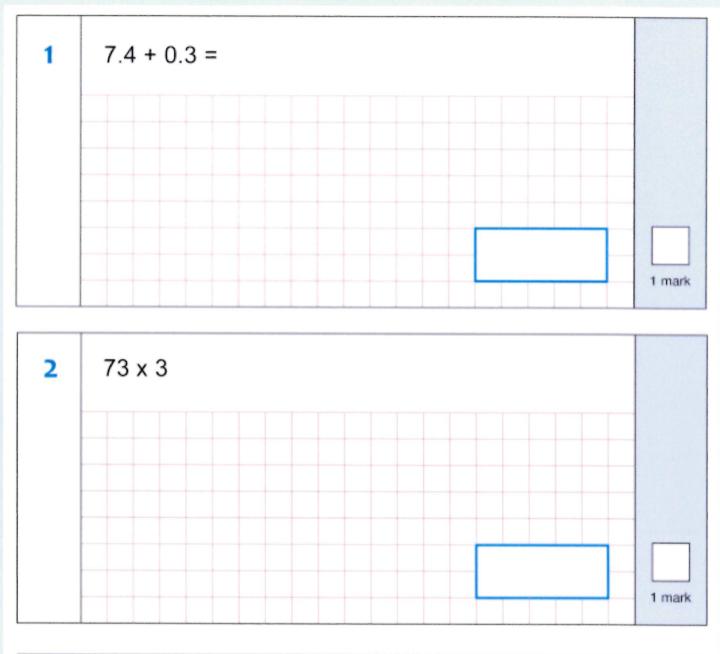
Section 8

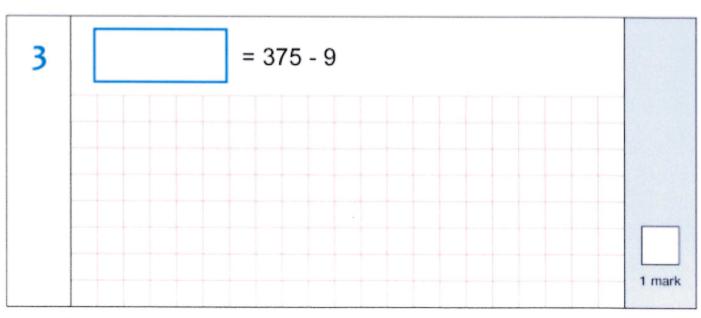
Write these Roman numerals as digits:

CCLXVI	
CCCLXXIV	

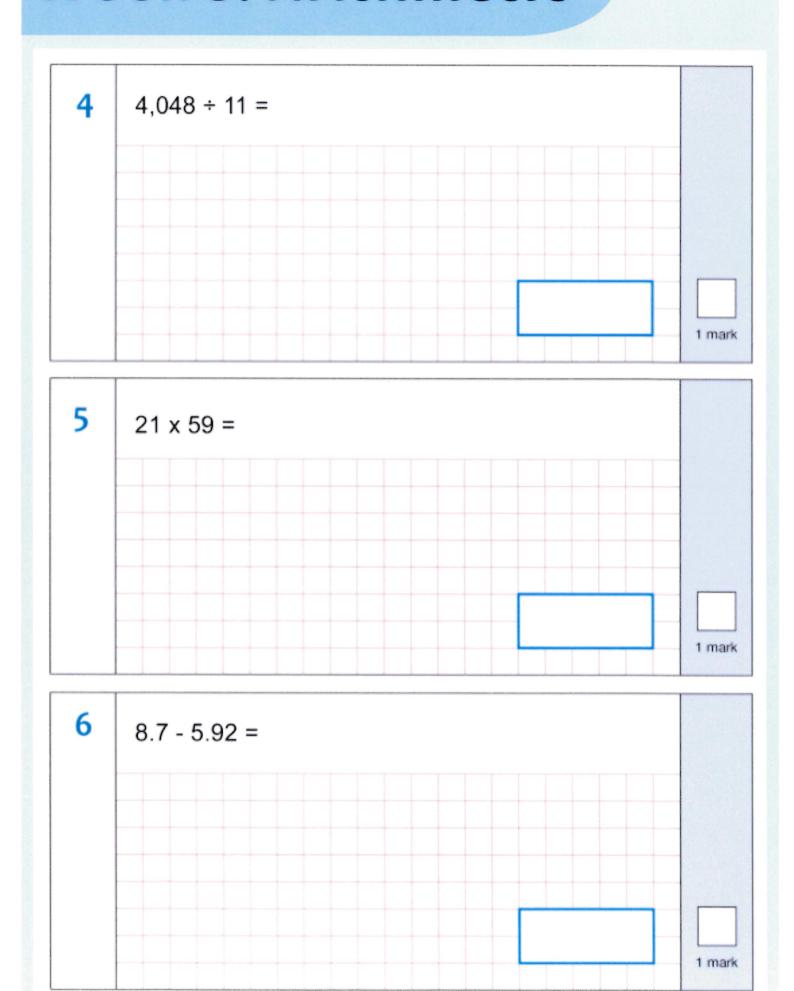


Week 3: Arithmetic





Week 3: Arithmetic



Week 4: Reasoning

Section 1

In the number 576 213, which digit represents the number of ten thousands?



In the number 923 648, what place value does the digit '3' represent?



Section 2

Calculate the following in your head:

Section 3

Calculate:

Section 4

Use the < or > signs to compare these fractions:

2 3	4 6
1 4	3 16
17 20	<u>4</u> 5

Week 4: Reasoning

Section 5

In order from smallest to largest, write the following numbers in digits:

four point seven two

four point seven

forty point six nine

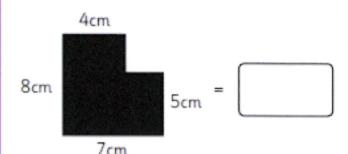


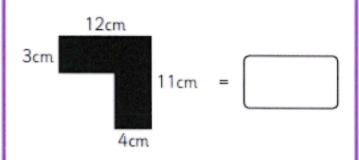
smallest

largest

Section 6

Calculate the perimeter of these composite rectilinear shapes.





Section 7

Explain why this shape is regular.



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Explain why this shape is irregular.



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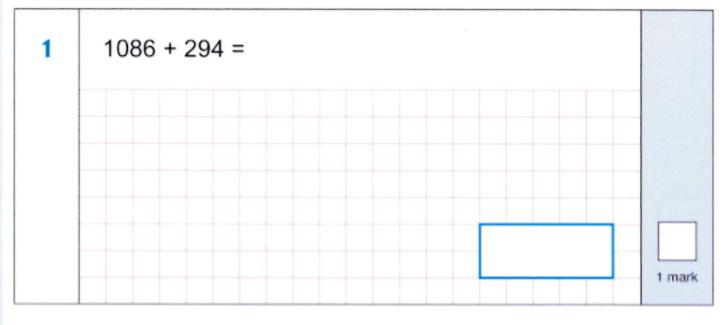
Section 8

Here is a table showing the number of boys and girls in each year group.

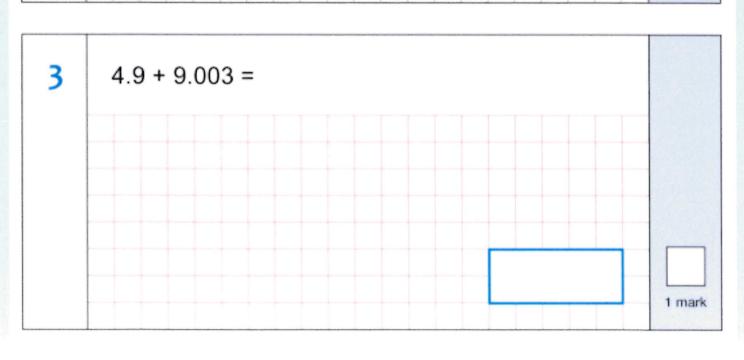
	Y3	Y4	Y5	Y6	Total
Boys			45		179
Girls	47	37		39	
Total		89	89	87	

Complete the table.

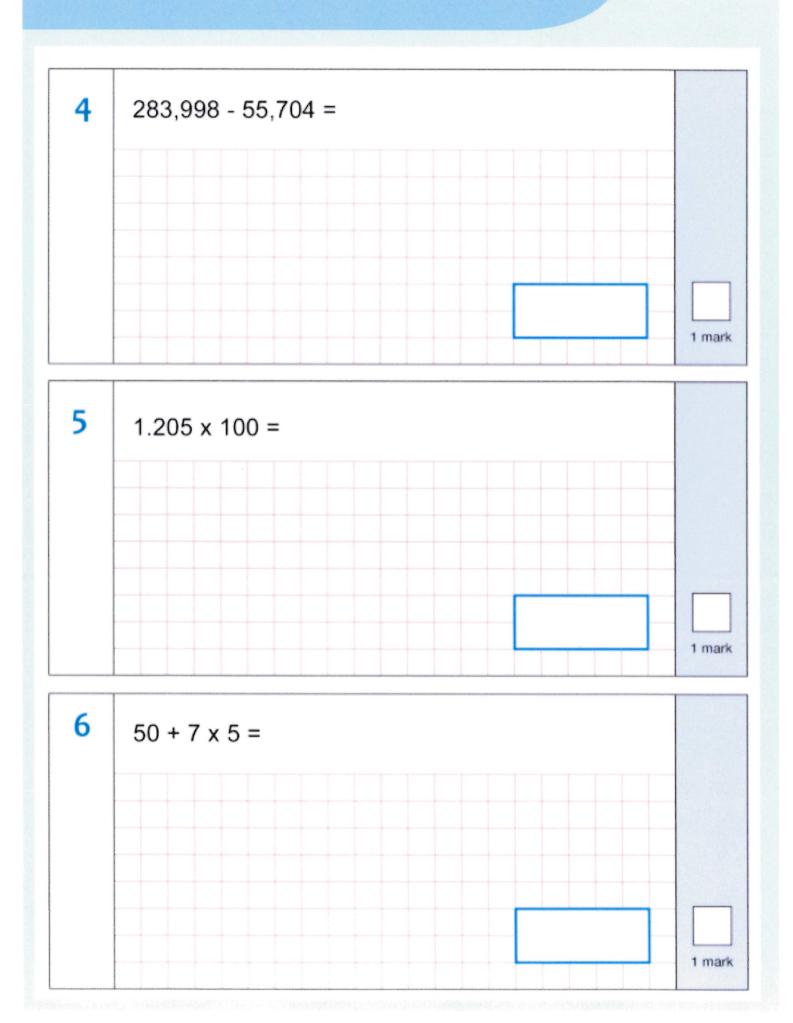
Week 5: Arithmetic







Week 5: Arithmetic



Week 6: Reasoning

Section 1

Complete these linear sequences:

4562	5562		
4302	3302		

41 786 40 786			
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77 309 87 309	
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622 792	612 792		

Section 2

Put the numbers from 1 to 20 on this Carroll Diagram:

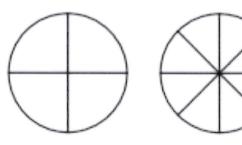
	Prime Number	Not a Prime Number
Even number		
Odd number		

Section 3

Calculate:

Section 4

Shade the following circles so the same fraction is shaded in both and write the fraction that they represent:



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Week 6: Reasoning

Section 5

Round the following numbers to the nearest whole number and nearest tenth:

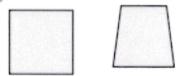
Number	Nearest whole	Nearest tenth
16.45		
1.06		
2.98		
67.59		

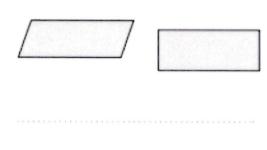
Section 6

A bus journey starts at 16:13 and finishes at 18:05. How long is the journey?

Section 7

For each of the following shapes, explain why they are or are not a rectangle.





Section 8

Translate this shape from point A to point B:

