

1. Write 825 in words.

1 mark

2. Round 6,821

to the nearest 10

to the nearest 100

to the nearest 1000

2 marks

3. Fill in the missing 3 terms in the following sequence:

<input type="text"/>	9,142	9,242	9,342	<input type="text"/>	<input type="text"/>
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2 marks

4. Using each digit once, can you make:

<input type="text" value="2"/>	<input type="text" value="4"/>	<input type="text" value="0"/>	<input type="text" value="1"/>	<input type="text" value="8"/>
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The largest possible number

The smallest possible number

2 marks

5. Write the value of the 2 in the number 4,290,125.

1 mark

Fill in your total score out of how many marks were on offer. Your teacher will fill in the other boxes.

Total scored:

Percentage:

Working Towards:
Met Objectives:
Mastered:

1. Write out 'seventy two million, three hundred and one thousand, four hundred and twenty six' as a number.

1 mark

2. Here are the populations of some towns:

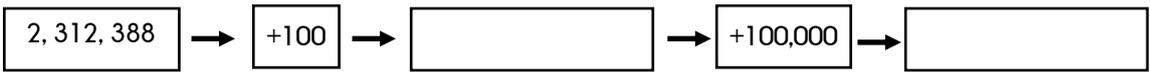
Town	Population
Worthing	104,000
Reading	87,500
Basildon	180,000
Swindon	182,000

Complete the list in order of population, smallest to largest.

1. _____
2. _____
3. _____
4. _____

2 marks

3. Complete:



2 marks

4. Using each digit once, can you make:

1
6
9
3
1

The largest possible number _____

The smallest possible number _____

2 marks

5. Write the value of the 9 in the number 4,290,125.

1 mark

Fill in your total score out of how many marks were on offer. Your teacher will fill in the other boxes.

Total scored: _____

Out of 8

Percentage: _____

Working Towards: _____

Met Objectives: _____

Mastered: _____

1. What is 4380 rounded to the nearest hundred?

1 mark

2. Circle the numbers below that round to 60,000 when they are rounded to the nearest thousand.

54,154

59,054

55,154

63,548

65,000

2 marks

3. Round 21,326,636 to the nearest 100,000.

1 mark

4. Round these football stadium attendances to the nearest 1000

Town	Population	Rounded to nearest thousand
Man Utd	76,547	
Huddersfield	24,014	
Brighton	30,510	
Southampton	30,769	

2 marks

5. Since opening, an indoor ice rink has had 9,342,543 visitors.

Round to the nearest thousand. →

Round to the nearest ten thousand. →

Round to the nearest ten million. →

2 marks

Total scored:

Out of 8

Percentage:

Working Towards:

Met Objectives:

Mastered:

1. A truck makes a 58km journey 16 times a week. How far does the truck travel in total?

_____ 1 mark

2. A packet of nuts weighs 28g and there are 25 packets in a box. How many grams of nuts are there in a full box?

_____ 2 marks

3. Stickers come in boxes of 525. A shop orders 17 boxes. How many stickers are there altogether in 17 boxes?

_____ 2 marks

4. After a car boot sale, 16 charities are given an equal share of the money raised. Each charity receives £943. How much money was raised by the car boot sale in total?

_____ 2 marks

5. 24 children take off their shoes next to the bouncy castle. The dog comes and runs away with 3 shoes. How many shoes are left?

_____ 1 mark

Total scored: _____
Out of 8

Percentage: _____

Working Towards: _____
Met Objectives: _____

1. Each table has 8 seats. How many tables are needed to seat 349 people?

_____ 1 mark

2. The total capacity of six different containers is 2,865 ml. What is the average (mean) capacity of a container?

_____ 1 mark

3. A car uses 18 litres of petrol to travel a distance of 594 km. How many km does it travel per litre of petrol?

_____ 2 marks

4. A rosette is made from 32cm of ribbon. How many rosettes can be made from a 7 metre piece of ribbon?

_____ 1 mark

5. There are 60 sheep in a field. 12 more arrive. The sheep are then shared equally among 6 farmers. How many sheep do they get each?

_____ 1 mark

Total scored: _____
Out of 6

Percentage: _____

Working Towards: _____
Met Objectives: _____
Mastered: _____

1. Write all the pairs of factors for each of the following numbers:

8

28

53

1 mark

2. Fill in the missing words (using the list below) to complete the poem about prime numbers.
Two, Five, Nine, Eleven, Thirteen, Seventeen

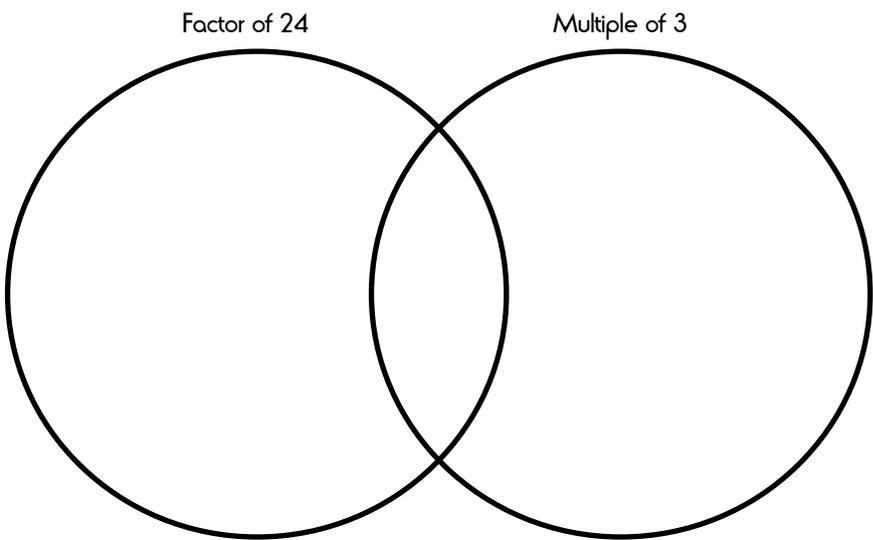
They can't be divided, whatever you do.
The smallest prime number is number _____
Then come three and _____ and seven
The next prime is of course _____
_____ is next upon the scene
_____ follows and then _____.

1 mark

3. Write the first 10 multiples of 12.

1 mark

4. Write these numbers in the correct part of the Venn Diagram:
1, 2, 3, 4, 6, 9, 10, 12, 15, 16, 18, 20, 24, 25, 30



2 marks

Total scored:

Out of 5

Percentage:

Working Towards:
Met Objectives:
Mastered:

1. Put these numbers in order starting with the largest.

14 -2 -9 0 -21 15 5

1 mark

2. An aeroplane is flying at a height of 8,000m. The outside temperature is -45° . Inside the aeroplane the temperature is 18° . What is the difference between the two temperatures?

1 mark

3. Fill in the missing numbers in this sequence:

6 1 -9

1 mark

4. This table shows the average temperatures of five locations in August.

Location	Worthing	Miami	Wellington	Cairo	Scott Base
Temperature	20°	33°	12°	34°	-23°

What is the difference between the temperatures in Worthing and Cairo?

1 mark

What is the difference between the warmest and coldest temperatures?

1 mark

Total scored:

Out of 5

Percentage:

Working Towards:
Met Objectives:
Mastered:

1. £55 is $\frac{1}{4}$ of £220.

1 mark

2. Max has $\frac{3}{4}$ of £120 and Alicja has $\frac{3}{7}$ of £160.
How much more money does Max have?

2 marks

3. Teachers asked 120 children where they would like to go on holiday.
This pie chart shows where they chose to go.



Estimate how many children chose to visit Australia.

1 mark

Estimate how many children chose to visit Scotland, Brighton and Cornwall.

1 mark

Total scored: _____
Out of 5

Percentage: _____

Working Towards: _____
Met Objectives: _____

1. What is 6 and $\frac{2}{3}$ as an improper fraction?

1 mark

2. Circle all the improper fractions that are equivalent to 6.

- $\frac{12}{6}$ $\frac{30}{5}$ $\frac{18}{3}$ $\frac{60}{12}$ $\frac{54}{9}$

1 mark

3. Write the amount shaded as a mixed number and as an improper fraction.



1 mark

4. Write $\frac{18}{5}$ as a mixed number.

1 mark

5. What is $\frac{9}{6} + \frac{10}{12}$?
Give your answer as a mixed number.

1 mark

Total scored:

Out of 5

Percentage:

Working Towards:
Met Objectives:
Mastered:

Percentages

1. What is $\frac{3}{4}$ as a percentage?

1 mark

2. Convert 0.65 in a percentage.

1 mark

3. What is 40% of 200?

1 mark

4. What is 15% of 140?

1 mark

5. If a business owner sells a 22% share of his company, how much does he still own?

1 mark

Total scored:

Out of 5

Percentage:

Working Towards:
Met Objectives:
Mastered:

1. Cheddar cheese costs £7.50 for 1kg. Marie buys 200 grams of cheddar cheese.
How much does she pay?

1 mark

2. Sweet Potatoes cost £3.60 for 1kg. Robbie buys a bag of sweet potatoes for 90p.
How many grams of sweet potatoes does he buy?

1 mark

3. This is a recipe for 8 people. Gary makes enough raspberry ice cream for 20 people.
How much cream does he use?

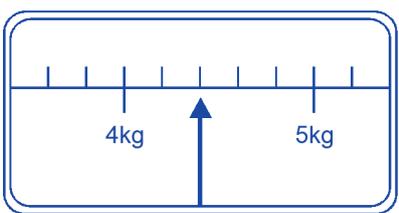
- 1/2 litre of cream
- 1 kg raspberries
- 250g sugar

1 mark

4. A box contains 220 matches and weighs 45 grams. The empty box weighs 12 grams.
Calculate the weight of one match.

1 mark

5. The scale below shows the weight of a pet cat. How much does the cat weigh?



1 mark

Total scored:

Out of 5

Percentage:

Working Towards:
Met Objectives:
Mastered:

1. Write in the missing numbers.

$$\boxed{} + 75 = 90$$

$$\boxed{} + 85 = 200$$

2 marks

2. Write in the missing numbers.

$$(5 \times 4) + \boxed{} = 45$$

$$40 + 80 \times \boxed{} = 200$$

2 marks

3. Fill in the missing numbers.

$$\begin{array}{|c|c|c|} \hline 4 & & 3 \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline 3 & 7 & \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 8 & 5 & 1 \\ \hline \end{array}$$

1 mark

4. Fill in the missing numbers.

$$\begin{array}{|c|c|} \hline & 0 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline & 0 \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 3 & 0 & 0 & 0 \\ \hline \end{array}$$

1 mark

5. What is X worth?

$$\begin{array}{|c|} \hline 6x \\ \hline \end{array} + \begin{array}{|c|} \hline 4 \\ \hline \end{array} = \begin{array}{|c|c|} \hline 3 & 0 \\ \hline \end{array}$$

$$X = \boxed{}$$

1 mark

Total scored:

Out of 7

Percentage:

Working Towards:
Met Objectives:
Mastered: