1 In a quadrilateral, two of the angles measure 110° and 130°.

What type of quadrilateral is this?

A Square   B Parallelogram   C Rhombus   D Irregular quadrilateral

1

2 Sarah's train was scheduled to depart at 3:25 pm.

The journey takes 1 hour and 12 minutes.

At what time is the train expected to arrive at its destination?

A 4:37 pm   B 4:37 am   C 4:13 pm   D 5:37 pm

1

3 A blue whale's tongue weighs approximately 2.7 tonnes.

How many kilograms does the blue whale's tongue weigh?

A 2 700 kg   B 270 kg   C 27 kg   D 0.27 kg

1

4 Amelia baked c chocolate cakes and v vanilla cakes for a charity bake sale.

The total amount of money she raised, M pounds, is given by $M = 2c + 3v$.

If Amelia raised a total of £47 and baked 7 vanilla cakes, how many chocolate cakes did she bake?

A 13   B 12   C 16   D 14

1

5 Samantha is analysing the weights of apples for a school science project.

The weights of the five apples she picked are:

120g, 135g, 140g, 145g, 150g

Calculate the mean weight of the five apples.

A 138g   B 130g   C 142g   D 134g

1

6

In a straight line, there are three lengths of string, *p*, *q* and *r*.

The length of string *p* is less than 10 cm.

Which of the following statements must be true?

A The combined length of string q and string r is greater than 10 cm.

B String p is the shortest length of string.

C String q and string r are both longer than 10 cm.

D String r is longer than string q.

1

7

A recipe for making chocolate chip cookies requires 0.75 litres of milk.

How many millilitres of milk does the recipe need?

A 750 ml   **B** 75 ml   **C** 7.5 ml   **D** 0.75 ml

1

8

A rectangular fish tank is filled with water. The volume of water in the tank is 64 litres.

If the length of the tank is 4 times the width, and the height is 2 times the width, what is the width of the tank in centimetres?

A 20 cm   **B** 25 cm   **C** 35 cm   **D** 40 cm

1

9

Amelia is trying to work out the value of an expression when $x = 4$ and $y = 7$.

If the value of the expression is 21, which of the following could be Amelia's expression?

A $xy - 7$ **B** $(x \div 2) \times y$ **C** $3x + y$ **D** $y^2 - x^2$

1

10

A school play is scheduled to last for 95 minutes. There will be two intervals during the play.

The first interval will be 4 minutes and 30 seconds long, and the second interval will be 3 minutes and 45 seconds long.

What will be the total duration of the play, including both intervals?

A 1 hour and 43 minutes   **B** 1 hour and 35 minutes   **C** 1 hour and 40 minutes   **D** 1 hour and 38 minutes

1