

1

Tom has £24.50 in his piggy bank.

He takes out £7.25 to buy a new toy car and £3.80 to get some sweets from the shop.

His grandma then gives him £5.00 as a gift.

How much money does Tom have in his piggy bank now?

A £18.45

B £17.55

C £19.35

D £18.95

1

2

In a triangle, angle x is an acute angle.

Which of the following could be the measure of angle x ?

A 45° B 90° C 120° D 180°

1

3

Amir is making a journey by car from London to Manchester. The total distance he needs to travel is 320 kilometers.

He starts his journey at a speed of 100 kilometers per hour. After 2 hours of driving, he takes a short break at a service station.

Once his break is finished, he continues driving at the same speed for another 45 minutes. However, he then encounters heavy traffic which reduces his speed to 40 kilometers per hour.

Calculate how many kilometers Amir still has left to drive to reach Manchester.

A 40 km

B 120 km

C 160 km

D 200 km

1

4

Which of the following quadrilaterals must have four equal angles?

A Square

B Kite

C Trapezium

D Rhomboid

1

5

Amelia is preparing a report on the average daily temperature in her city over a period of 6 days.

The recorded temperatures are as follows: 18°C , 20°C , 17°C , 22°C , 19°C , and 24°C .

What is the mean temperature for these 6 days?

6

Sarah is measuring the lengths of different ribbons she has.

The lengths are: 2.5 m, 180 cm, 0.9 m, 1 200 mm, 0.4 m.

What is the length of the second longest ribbon?

A 180 cm**B** 2.5 m**C** 0.9 m**D** 1 200 mm

1

7

A local bakery sells a pack of 8 cupcakes for £5.52.

If a school wanted to buy 66 cupcakes for an event, how much would it cost?

A £49.68**B** £44.16**C** £55.20**D** £60.72

1

8

A fish tank is 80 cm wide and 40 cm deep.

If the volume of the tank is $96,000 \text{ cm}^3$, what is the length of the tank?

A 30 cm**B** 60 cm**C** 90 cm**D** 120 cm

1

9

Liam is making pancakes for a charity breakfast event.

He makes 2.4 kg of batter and uses 150 g for each pancake.

How many pancakes will Liam be able to make?

A 16**B** 15**C** 24**D** 160

1

10

Liam has 2.4 kg of modelling clay.

He uses 80 g of clay to make each small sculpture.

He makes as many sculptures of this size as he can.

How much clay is left over?

A 40 g**B** 20 g**C** 60 g**D** 80 g

1

