

Spatial Reasoning - Folding Paper

Options: a, b, **c**, d, e

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Verbal Reasoning - Riddles

It takes James half as long to cycle to the shops as it takes Jessica. Taylor takes 2 minutes less than Ling. Ling takes 4 minutes longer than Jessica to get there. Jessica takes 6 minutes to get from her house to the shops. All the children leave their homes at the same time. Using this information decide which of the following statements is true.

James arrives last

Jessica arrives last

Taylor arrives last

Ling arrives last

Getting ready to go to their new Secondary School a group of children go to the shops for items for their pencil cases. Akbhar buys a ruler and a pencil sharpener but doesn't need colouring pencils. Samuel buys a ruler and colouring pencils but doesn't need a pencil sharpener. Natalie buys the only item shared by Akbhar and Samuel and colouring pencils. Victoria buys colouring pencils and the only item Natalie doesn't buy. Using this information decide which of the following statements is true.

Samuel and Natalie buy exactly the same items

Victoria and Akbhar buy exactly the same things

Natalie and Akbhar buy exactly the same things

Samuel and Victoria buy exactly the same things

The teacher asks four children to line up, according to age, with the oldest at the front. Christian was behind Benjamin, but in front of Chloe. Sydney was in between Benjamin and Christian. Chloe was at the back of the line. Read the following statement, and then choose the correct answer from the four choices available.

Christian was second from the front

Sydney was second from the front

Benjamin was second from the front

Chloe was second from the front

Four children were doing 11+ revision quizzes. They were working on Number Series, 2 Odd Ones Out and Hidden Words, but had completed different quizzes in a different order. Justin had finished Number Series, and one other quiz, while Jasmine had finished 2 Odd Ones Out. Nathan and Justin had completed 2 Odd Ones Out. Hailey had completed all three quizzes. Neither Nathan nor Jasmine had finished Hidden Word. Justin had completed a quiz which nobody else except Hailey had completed. Using this information decide which of the following statements is true.

Justin had not finished Hidden Word

Jasmine had finished Hidden Word

Nathan had finished Hidden Word

Hailey had not finished Hidden Word

Maths – Units and Measurement

Eve runs a race that is 5 km long.
How far did she run in metres?

Answer: 5000 m

David has cycled 900 m. How much further does he need to go to reach one km?

Answer: 100 m

How many millimetres are there in 7.9 cm?

Answer: 79 mm

A bottle holds 0.5 l of orange juice.
How many millilitres is this?

Answer: 500 ml

James buys some bags of sweets. Each bag weighs 25 g.
How many bags will he need to buy to have 1 kg of sweets?

Answer: 40

Term 5 Session 2

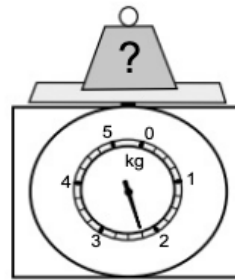
Which of these is the most likely mass of an apple? Circle the correct answer.

- A 1000 g **B 150 g** C 5 g D 1 g E 10 g

What weight is shown on the set of scales?

Give your answer in grams.

Answer: 1250 g



Which of the following statements is unlikely to be true?

Circle the correct answer.

- A A walking route is 15 km long.
B A dog measures 63 m from his nose to his tail.
 C A classroom is 9000 mm wide.
 D A door is 195 cm high.
 E An exercise book has a width of 180 mm.

Hint: Make sure you look at the units as well as the number when you're deciding if each option sounds sensible.

Zeke wants to measure the volume of milk he puts on his cereal.

What would be the most sensible units to use?

Answer: ml

Anita has a 0.5 kg bar of chocolate. If she eats 10 g of it, how many grams of chocolate does she have left?

Answer: 490 g

A glass holds 250 ml. How many glassfuls could you pour from a 1½ litre bottle of lemonade?

Answer: 6

Which of these is equal to 1500? Circle the correct answer.

- A The number of millilitres in 15 litres.
B The number of millimetres in 150 centimetres.
 C The number of metres in 0.15 kilometres.
 D The number of grams in 150 kilograms.
 E The number of centimetres in 1.5 metres.

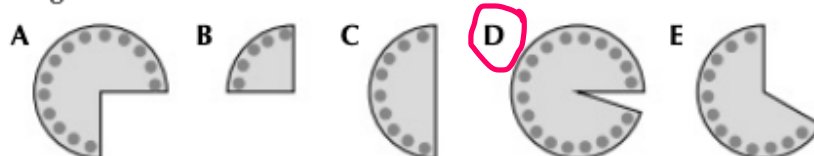
A plan has been drawn using the scale 1 cm = 50 cm.

What would be the real length of a line drawn 8 cm long on the plan in metres?

Answer: 4 m

Adam bakes a fruit cake that weighs 1 kg. He cuts away a section that weighs 50 g.

Which diagram best shows the amount of cake that would be left? Circle the correct answer.



It takes 250 ml of paint to cover 1 m² of wall.

Each tin holds 1 litre of paint. How many tins will be needed to paint a wall with a total area of 12 m²?

Answer: 3