

1

Amelia is saving up to buy a new bicycle that costs £120.

She has already saved £72.50 from her allowance.

How much more money does Amelia need to save to buy the bicycle?

A £47.50

B £48.50

C £37.50

D £46.50

1

2

A group of friends decide to pay the bill at a restaurant by only paying what each of them had spent.

The average amount each person pays is £12.

Which of the following is NOT a possible combination of amounts paid by the friends?

A £15 + £11 + £13

B £14 + £13 + £9

C £16 + £8 + £12

D £10 + £11 + £15

1

3

Amelia's birthday is on the 12th of April.

Her parents tell her that she can have a party in 3 weeks to celebrate.

On what date will Amelia's birthday party be held?

A 3rd MayB 26th AprilC 19th AprilD 5th May

1

4

Simplify the following expression:

$$3(2y - 5)$$

Which of these is equivalent to the expression above?

A $6y - 15$ B $6y - 5$ C $2y - 15$ D $(2y - 5) \div 3$

1

5

One kilogram is equal to 1 000 grams.

John has 8 kilograms of flour and wants to divide it into 500-gram bags.

How many bags will he be able to fill?

A 16

B 12

C 20

D 14

1

6

A school has 216 students spread across 9 classes.

The headteacher wants to reorganise the classes so that there are no more than 20 students in each class.

What is the minimum number of classes the school will need to achieve this?

A 10**B** 11**C** 12**D** 13

1

7

A line segment on a map has endpoints at C (4, 9) and D (-3, 5).

The entire map is shifted so that the new coordinates of point C are (6, 7).

What are the new coordinates of point D after this shift?

A (-1, 3)**B** (11, 6)**C** (10, 5)**D** (7, 6)

1

8

A bakery sells 216 cupcakes in one day.

If they put the cupcakes in boxes of 27, how many boxes can they fill?

A 8**B** 6**C** 9**D** 12

1

9

Amelia, Olivia, Emma and Sophia collected money for charity.

Amelia raised £15, Olivia raised £9, and Emma raised £21.

If the mean amount raised by the four girls was £16, how much money did Sophia raise?

A £19**B** £12**C** £17**D** £24

1

10

A roll of fabric is 3.75 m long.

Sarah cuts a piece that is 68 cm long from the roll.

What is the length of the remaining fabric on the roll?

A 3.07 m**B** 3.82 m**C** 4.43 m**D** 3.172 m

1

