Thursday 11th June 2020

Q1 Write all the factors of 30 that are also factors of 45.

_____

_____

1 mark

Q2 Look at these calculations.

1301 + 287 = ?

1499 + 287 = ?

1545 + 287 = ?

Which calculation is the odd one out? Why?

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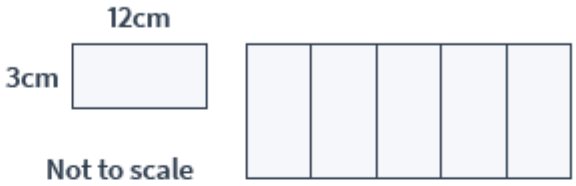
_____

_____

_____

2 marks

Q3 A large rectangle is made up of five smaller rectangles.



What is the perimeter of the large rectangle?

2 marks

Q1 There are 5,000 leaflets in a box.

Priya delivers 3,420 leaflets.

James delivers 1,380 leaflets.

How many leaflets are left in the box?

leaflets

1 mark

Q2 Put one of the following symbols in each box to make these statements correct.

< = >

$5 \times 4 + 2 \div 2$ ☐ 11

$3 \times (4 + 5)$ ☐ $3 \times 4 + 5$

$20 + 3 \times 4 \div 2$ ☐ $(20 + 3) \times 4 \div 2$

2 marks

Q3 Circle the number closest to 5,000.

5,321 5,201 4,893 6,795 483

1 mark

Q1 Wicked Washes car wash processes 54 cars per day.

They charge £13 per car.

How much money will they have made in three days?

2 marks

Q2

a **Write down all the common multiples of 3 and 4 under 50.**

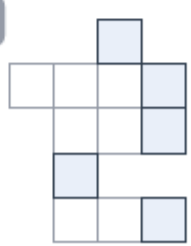
1 mark

b **Write down all the common factors of 30 and 40 under 50.**

1 mark

Q3 **Complete these diagrams so that $\frac{2}{3}$ of each diagram is shaded.**

a



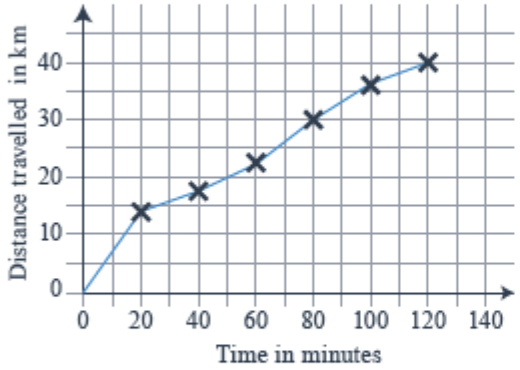
1 mark

b

1 mark

Q3 Mikey went on a bike ride.

This graph shows how far he travelled at different times.



a How long did it take him to complete the ride?

minutes

1 mark

b After how many minutes had he travelled 30km?

minutes

1 mark

Q1 Wicked Washes car wash has an extremely busy weekend, and it washes more cars than usual. During the weekend, it takes £1,898.

It charges £13 per car.

How many cars did were washed over the weekend?

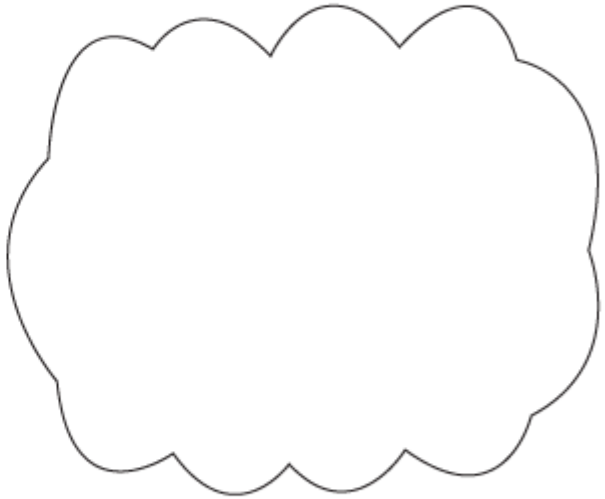
cars

2 marks

Q2 Mia says, "I can work out 3497 + 676 without using a formal written method."

Mia is correct.

Explain why Mia is correct.



1 mark