Year 5

Fractions

B

White Rose Maths

Name _____

1 Complete.

$$\frac{3}{10} + \frac{1}{10} + \frac{3}{10} = \frac{\square}{\square}$$

$$\frac{5}{8} + \frac{\square}{8} = 1$$

$$1 - \frac{\square}{5} = \frac{3}{5}$$

2 marks

2 What is $\frac{1}{4} + \frac{3}{8}$?

Use the bars to help you.

_____

Explain your method.

2 marks

3 Julia eats $\frac{2}{5}$ of a pizza.

Maria eats $\frac{4}{15}$ of the pizza.
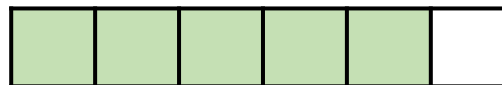
How much pizza do they eat altogether?

_____

1 mark

What fraction of the pizza is left?

_____

1 mark

4 Calculate $\frac{2}{3} + \frac{5}{6}$

Use the bars to help you.

Give your answer as a mixed number.

_____

2 marks

5 Calculate.

$$\frac{7}{10} - \frac{2}{5} = \frac{\square}{\square}$$

1 mark

$$\frac{1}{3} + \frac{5}{12} - \frac{1}{6} = \frac{\square}{\square}$$

2 marks

6 Maria cycles $1\frac{3}{4}$ km on Monday.

She cycles $2\frac{1}{8}$ km on Tuesday.

How far does she cycle in total on Monday and Tuesday?

_____ km

2 marks

7 Complete.

$$2\frac{7}{12} - \frac{\square}{12} = 2\frac{1}{12}$$

1 mark

8 Calculate.

$$3\frac{7}{10} - \frac{3}{5} = \boxed{}\boxed{}$$

1 mark

Use your answer above to work out.

$$3\frac{7}{10} - 1\frac{3}{5}$$

_____

1 mark

$$3\frac{7}{10} - 2\frac{3}{5}$$

_____

1 mark

9 A barrel holds $12\frac{1}{4}$ litres of water.

A bucket can hold $3\frac{11}{12}$ litres of water.

Max fills up the bucket with water from the barrel.

How much water is left in the barrel?

_____ litres

2 marks

10 Three points A, B and C lie on a number line.

A section of the number line is shown.

B lies halfway between A and C.

What is the value of C?

_____

2 marks

Circle how confident you feel with fractions.

1   2   3   4   5

Not   Very
confident   confident