

Name _____

1 Complete.

$$\frac{3}{10} + \frac{1}{10} + \frac{3}{10} = \frac{\boxed{7}}{\boxed{10}}$$

1 mark for 2 correct calculations.

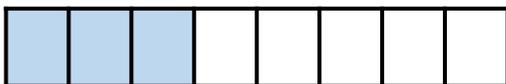
$$\frac{5}{8} + \frac{\boxed{3}}{8} = 1$$

$$1 - \frac{\boxed{2}}{5} = \frac{3}{5}$$

2 marks

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

Use the bars to help you.



$$\frac{5}{8}$$

Explain your method.

E.g. I split the quarters in 2 to make eighths then I could easily add the two fractions.

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?

$$\frac{10}{15} \text{ or } \frac{2}{3}$$

1 mark

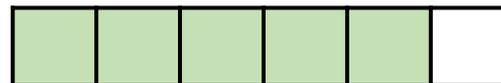
What fraction of the pizza is left?

$$\frac{5}{15} \text{ or } \frac{1}{3}$$

1 mark

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

Use the bars to help you.



Give your answer as a mixed number.

$$1 \text{ mark for } \frac{9}{6}$$

$$1\frac{3}{6} \text{ or } 1\frac{1}{2}$$

2 marks

5 Calculate.

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

$$\frac{1}{3} + \frac{5}{12} - \frac{1}{6} = \frac{\boxed{7}}{\boxed{12}}$$

1 mark for correctly finding a common denominator.

1 mark

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?

1 mark for $\frac{31}{8}$

$3\frac{7}{8}$ km

2 marks

- 7 Complete.

$$2\frac{7}{12} - \frac{\boxed{6}}{12} = 2\frac{1}{12}$$

1 mark

- 8 Calculate.

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

1 mark

Use your answer above to work out.

Allow correct follow through from their answer to the above.

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

$2\frac{1}{10}$

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

$1\frac{1}{10}$

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?

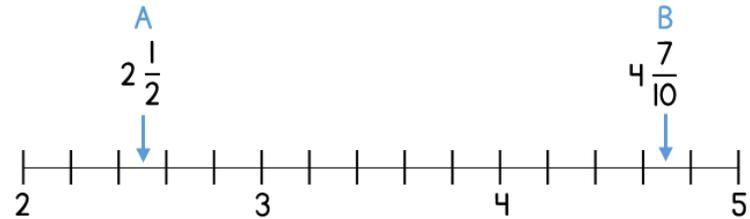
1 mark for correct method with one error.

$8\frac{4}{12}$ or $8\frac{1}{3}$ 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?

1 mark for correct method with one error.

$6\frac{9}{10}$

2 marks

Circle how confident you feel with fractions.

1 2 3 4 5
Not Very
confident confident