

Name \_\_\_\_\_

1 Max has made a number on a place value grid.

Ones	Tenths	Hundredths
	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01

Write Max's number as a decimal.

\_\_\_\_\_

Write Max's number as a fraction.

\_\_\_\_\_

What is Max's number rounded to the nearest tenth?

\_\_\_\_\_

1 mark

1 mark

1 mark

2 Match the decimal with the correct value of the underlined digit.

0.53

0.35

35

53.6

3 ones

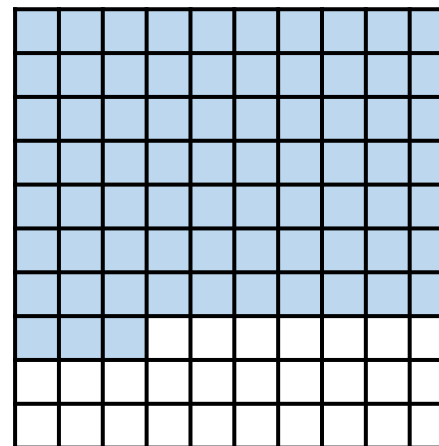
3 hundredths

3 tenths

3 tens

2 marks

3 Here is a hundred square.



What percentage of the square is shaded?

\_\_\_\_\_

What fraction of the square is shaded?

\_\_\_\_\_

1 mark

1 mark

4 Complete the fractions.

$$\frac{43}{100} = \frac{4}{10} + \frac{\square}{100}$$

$$\frac{79}{100} = \frac{\square}{10} + \frac{9}{\square}$$

5 There are 1,000 people at a concert.  
481 of the people are men.  
What fraction of the people are men?

Write the fraction of men as a decimal.

\_\_\_\_\_

6 4 children are measuring their height.

Emily - 1.43 metres

Junaid - 1.47 metres

Lucas - 1.4 metres

Sita - 1.39 metres

Order the children from tallest to shortest.

\_\_\_\_\_

Sami is taller than Lucas but Shorter than Emily.  
How tall could Sami be?

\_\_\_\_\_ metres

3 marks

1 mark

1 mark

2 marks

1 mark

7 Maryam is running a 1 kilometre race.

She has ran  $\frac{345}{1000}$  of the race so far.

How many metres has Maryam run?

\_\_\_\_\_ metres

What fraction of the race does she have left to run?

\_\_\_\_\_

8 Ben has £200

He spends £65 on a coat and £35 on some trainers.

What fraction of his money has Ben spent?

\_\_\_\_\_

Ben spends 24% of his remaining money on a computer game.

How much money does Ben have left?

£ \_\_\_\_\_

Circle how confident you feel with decimals and percentages.

1

2

3

4

5

Not  
confident

Very  
confident

1 mark

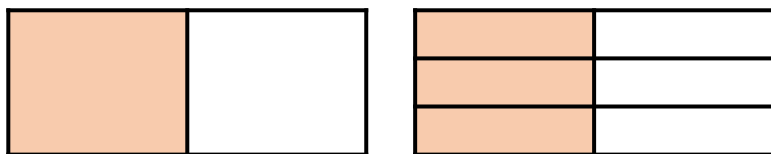
1 mark

2 marks

1 mark

Name \_\_\_\_\_

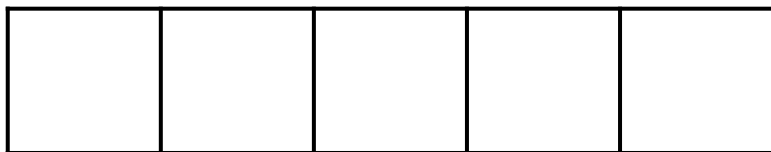
- 1 Use the diagram to help you complete the equivalent fraction.



$$\frac{1}{2} = \frac{\square}{6}$$

1 mark

- 2 Use the diagram to show that  $\frac{3}{5}$  is equal to  $\frac{6}{10}$




1 mark

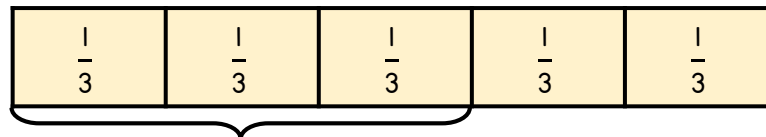
- 3 Complete.

$$\frac{10}{35} = \frac{\square}{7} \qquad \frac{\square}{27} = \frac{2}{3}$$

$$\frac{3}{5} = \frac{9}{\square} = \frac{\square}{35}$$

4 marks

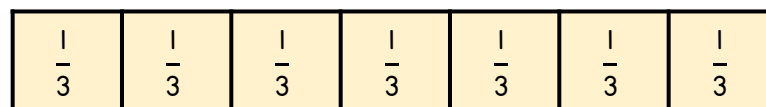
- 4 Jack uses a bar model to convert  $\frac{5}{3}$  to a mixed number.



1 whole

So  $\frac{5}{3}$  is equal to  $1\frac{2}{3}$

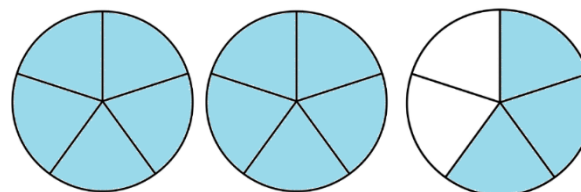
Convert  $\frac{7}{3}$  to a mixed number.




1 mark

- 5 Convert  $2\frac{3}{5}$  to an improper fraction.

Use the diagram to help you.




1 mark

- 6 Complete.

$$13\frac{7}{10} = \frac{\square}{10} \qquad \square\frac{2}{3} = \frac{20}{3}$$

2 marks

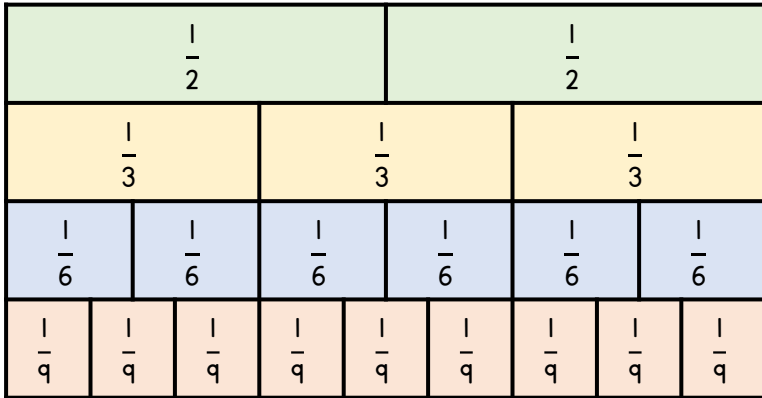
7 Complete.

$$4\frac{3}{5} = \frac{\square}{\square}$$

$$\frac{13}{6} = \frac{\square}{\square}$$

2 marks

8 Annie makes a fraction wall using coloured blocks.



Complete using  $<$ ,  $>$  or  $=$

$$\frac{1}{2} \bigcirc \frac{1}{3}$$

$$\frac{5}{6} \bigcirc \frac{7}{9}$$

$$\frac{4}{9} \bigcirc 1$$

3 marks

9 Hassan and Amy have the same amount of juice in a carton.

Hassan drinks  $\frac{3}{4}$  of his juice.

Amy drinks  $\frac{5}{6}$  of her juice.

Who has the most juice left?

You must show your working.

2 marks

10

$$11 \div 3 = \frac{\square}{\square}$$

1 mark

11

Put the fractions in order starting with the smallest.

$$2\frac{7}{10}$$

$$1\frac{1}{2}$$

$$2\frac{4}{5}$$

Explain your answer.

2 marks

Circle how confident you feel with fractions.

1

2

3

4

5

Not confident

Very confident

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.

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

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

1 mark

2 marks

