

**Q1.** Join each fraction to the correct decimal card. The first one has been done for you.

$\frac{3}{10}$	<span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px;">0.03</span>
$\frac{3}{5}$	<span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px;">0.06</span>
$\frac{3}{100}$	<span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px;">0.3</span>
$\frac{3}{50}$	<span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px;">0.6</span>

1 mark

**Q2.** Put a tick (✓) in **each row** to complete this table. One has been done for you.

	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
<b>0.9</b>	✓	
<b>0.06</b>		
<b><math>\frac{11}{20}</math></b>		
<b>0.21</b>		

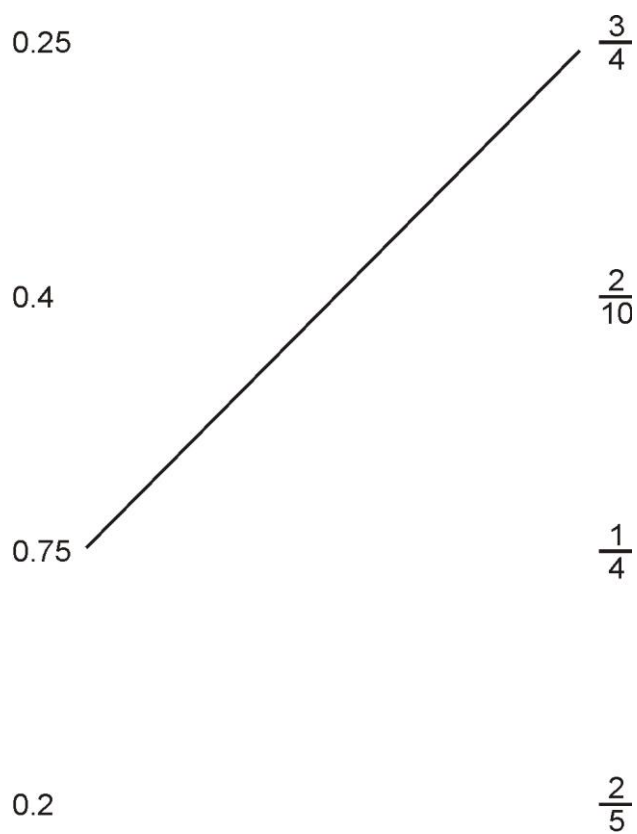
2 marks

**Q3.** Complete the table.

fraction	decimal
$\frac{67}{100}$	0.67
	0.3
$\frac{7}{10}$	
	0.09
$\frac{93}{100}$	

2 marks

**Q4.** Match each decimal number to its equivalent fraction. One has been done for you.



1 mark

**Q5.** Circle the **two** fractions that are equivalent to **0.6**

$$\frac{6}{10} \quad \frac{1}{60} \quad \frac{60}{100} \quad \frac{1}{6}$$

1 mark

**Q6.** Here are three symbols.

<      >      =

Write one symbol in each box to make the statements correct.

$$\frac{7}{10} \quad \boxed{\phantom{000}} \quad 0.07$$

$$\frac{23}{1000} \quad \boxed{\phantom{000}} \quad 0.23$$

1 mark

**Q7.**

Circle the number that is equal to  $\frac{99}{1000}$

0.99      0.099      9.9      0.990      9.990

1 mark

**Q8.** Adam says,

0.25 is smaller than  $\frac{2}{5}$



Explain why he is correct.

A large, empty, cloud-shaped box with a scalloped border, intended for the student to write their explanation.

1 mark

**Q9.**

Tick all the numbers that are equivalent to  $\frac{13}{100}$

0.013

1.3

0.13

0.103

0.130

1 mark

**Q10.**

In each box, circle the number that is **greater**.

$1\frac{1}{2}$

1.2

$1\frac{1}{4}$

1.3

$1\frac{5}{100}$

1.4

$1\frac{3}{5}$

1.5

2 marks

**Q11.**

What is  $\frac{5}{8}$  as a decimal?

1 mark

**Q12.** Write these in order of size, starting with the smallest.

$\frac{2}{3}$       0.5       $\frac{3}{5}$       0.65

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smallest

1 mark

**Q13.** Match each box to the number which has the same value. One has been done for you.

$\frac{3}{4}$		0.5
$\frac{1}{2}$	—	0.8
$\frac{4}{5}$		0.3
		0.75
		0.4

1 mark

**Q14.** Write the missing number to make this **division** correct.

$$75 \div \boxed{\phantom{000}} = 7.5$$

1 mark

**Q15.**

Here are six cards.

$\times 10$	$\times 100$	$\times 1000$
$\div 10$	$\div 100$	$\div 1000$

Use a card to complete each calculation.

$$5.3 \boxed{\phantom{000}} = 0.53$$

$$5.3 \boxed{\phantom{000}} = 5300$$

$$5.3 \boxed{\phantom{000}} = 0.053$$

2 marks

**Q16.**

Complete the number sentences using these cards.

$\times 10$	$\div 10$	$\times 100$	$\div 100$
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$$25 \quad \square \quad = 2.5$$

$$7 \quad \square \quad = 0.07$$

$$3.6 \quad \square \quad = 360$$

2 marks

**Q17.**

$$\square \quad \times \quad 10 \quad = \quad 350.5$$

$$460 \quad \div \quad \square \quad = \quad 4.6$$

$$2.3 \quad \times \quad \square \quad = \quad 2,300$$

2 marks



**Q18.**

Complete the number sentences using these cards.

$$\times 10$$

$$\times 100$$

$$\times 1000$$

$$\div 10$$

$$\div 100$$

$$\div 1000$$

$$36.55 \boxed{\phantom{000}} = 365.5$$

$$0.2 \boxed{\phantom{000}} = 0.002$$

$$7800 \boxed{\phantom{000}} = 7.8$$

$$47.3 \boxed{\phantom{000}} = 4730$$

2 marks

**Q19.**

Complete these calculations.

$$15 \times 100 = \boxed{\phantom{000}}$$

$$\boxed{\phantom{000}} \times 10 = 1500$$

$$\boxed{\phantom{000}} \div 100 = 150$$

$$150 \div 10 = \boxed{\phantom{000}}$$

2 marks

**Q20.**

Write the missing number to make this **division** correct.

$$0.3 \div \boxed{\phantom{00}} = 0.03$$

1 mark

