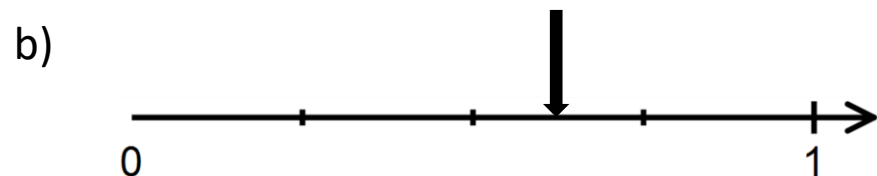
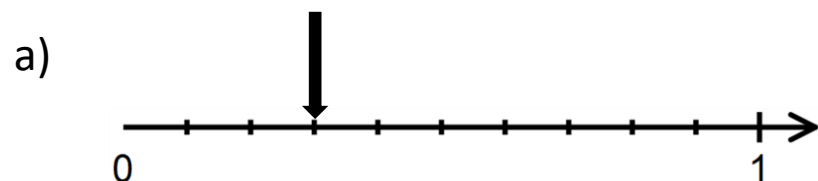


### CARD 1

What fraction is the arrow pointing to on the following number lines?



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**FRACTIONS 1**

### CARD 2

In a school sports club there are 60 pupils.  
24 of these are girls.

What fraction of the pupils are boys?

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**FRACTIONS 1**

### CARD 3

Find the missing numbers needed to make the fractions equivalent

a)  $\frac{2}{7} = \frac{\square}{56}$       b)  $\frac{5}{\square} = \frac{40}{72}$

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**FRACTIONS 1**

### CARD 4

I am equivalent to  $\frac{2}{3}$

The difference between my numerator and denominator is 9

What fraction am I?

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**FRACTIONS 1**

**CARD 5**

Write the following fractions in ascending order

$$\frac{2}{5} \quad \frac{3}{8} \quad \frac{1}{4}$$

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**FRACTIONS 1****CARD 6**

Convert the following improper fractions to mixed numbers.

a)  $\frac{11}{4}$       b)  $\frac{17}{3}$       c)  $\frac{31}{8}$

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**FRACTIONS 1****CARD 7**

Convert the following mixed numbers to improper fractions

a)  $2\frac{1}{3}$       b)  $4\frac{3}{5}$       c)  $9\frac{5}{6}$

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**FRACTIONS 1****CARD 8**

Convert the following fractions to decimals

a)  $\frac{7}{10}$       b)  $\frac{2}{5}$       c)  $\frac{3}{4}$

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**FRACTIONS 1**

**CARD 9**

Convert the following fractions to decimals

a)

$$\frac{9}{25}$$

b)

$$\frac{13}{20}$$

c)

$$\frac{1}{20}$$

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**FRACTIONS 1****CARD 10**

Work out

a)  $\frac{2}{7} + \frac{1}{7}$

b)  $\frac{2}{9} + \frac{7}{9}$

c)  $\frac{3}{7} + \frac{2}{5} + \frac{3}{7} + \frac{3}{5}$

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**FRACTIONS 1****CARD 11**

3 friends are sharing a pizza.

Alex eats  $\frac{4}{15}$  of the pizza. Burt eats  $\frac{6}{15}$  of the pizza.Chris eats  $\frac{3}{15}$  of the pizza.

What fraction of the pizza is left?

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**FRACTIONS 1****CARD 12**

Work out

a)  $\frac{3}{10} + \frac{1}{5}$

b)  $\frac{7}{8} - \frac{1}{4}$

c)  $\frac{1}{4} + \frac{7}{12} - \frac{1}{3}$

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**FRACTIONS 1**

**CARD 13**

Calculate

a)  $\frac{1}{3}$  of £24

b)  $\frac{2}{5} \times £45$

c)  $\frac{3}{8}$  of £480

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**FRACTIONS 1****CARD 14**

Find the missing numbers

a)  $\frac{1}{5}$  of ?? = 10

b)  $\frac{1}{??}$  of £24 = £3

c)  $\frac{4}{5}$  of ?? = 28

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**FRACTIONS 1****CARD 15**

Ed earns £28. He spends  $\frac{1}{4}$  of his earnings at the cinema. He then gives  $\frac{1}{3}$  of the money he has left to his sister. Ed then buys a sandwich for £3.00.

How much money does he have left?

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**FRACTIONS 1****CARD 16**

There are 48 sweets in a packet.  $\frac{1}{6}$  of the sweets are orange flavour.  $\frac{3}{8}$  of the sweets are lemon flavour and the rest are cherry flavour.

How many cherry flavoured sweets are there in the packet?

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**FRACTIONS 1**

**CARD 17**

In a box of chocolates  $\frac{2}{5}$  of the chocolates are dark chocolate and the rest are milk chocolate.

If there are 12 milk chocolates in the box, how many chocolates are there all together?

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**FRACTIONS 1**

**CARD 18**

Work out

a)  $2 - \frac{2}{3} - \frac{5}{12}$

b)  $\frac{2}{7} - \frac{1}{4} + \frac{5}{7} + \frac{5}{4}$

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**FRACTIONS 1**

**CARD 19**

Put the following fractions and decimals in descending order

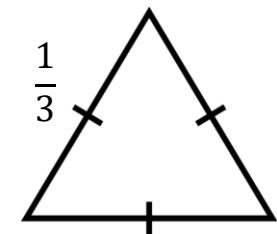
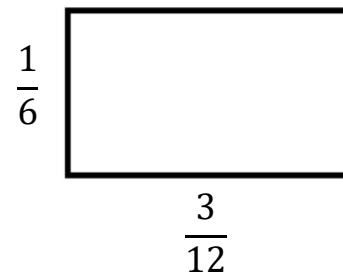
0.86     $\frac{17}{20}$      $\frac{21}{25}$     0.9     $\frac{4}{5}$

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**FRACTIONS 1**

**CARD 20**

What is the difference between the perimeter of the rectangle and the perimeter of the triangle?



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**FRACTIONS 1**

# FRACTIONS 1 – RELAY ANSWERS

1	a) $\frac{3}{10}$ b) $\frac{5}{8}$	11	$\frac{2}{15}$
2	$\frac{6}{10}$ or $\frac{3}{5}$	12	a) $\frac{5}{10} = \frac{1}{2}$ b) $\frac{5}{8}$ c) $\frac{6}{12} = \frac{1}{2}$
3	a) 16      b) 9	13	a) £8      b) £18      c) £180
4	$\frac{18}{27}$	14	a) 50      b) 8      c) 35
5	$\frac{1}{4}$ $\frac{3}{8}$ $\frac{2}{5}$	15	£11
6	a) $2\frac{3}{4}$ b) $5\frac{2}{3}$ c) $3\frac{7}{8}$	16	22
7	a) $\frac{7}{3}$ b) $\frac{23}{5}$ c) $\frac{59}{6}$	17	20
8	a) 0.7      b) 0.4      c) 0.75	18	a) $\frac{11}{12}$ b) 2
9	a) 0.36      b) 0.65      c) 0.05	19	$\frac{4}{5}$ $\frac{21}{25}$ 0.86 $\frac{17}{20}$ 0.9
10	a) $\frac{3}{7}$ b) 1      c) $1\frac{6}{7}$	20	$\frac{2}{12} = \frac{1}{6}$