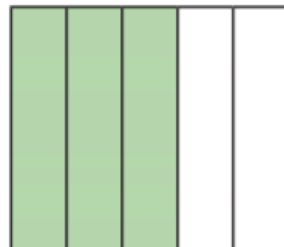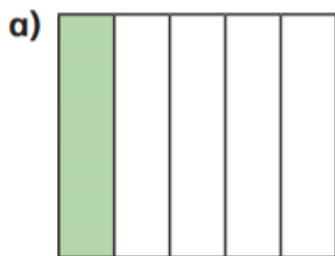# Green

2 Here is a tower of cubes.

a) What fraction of the tower is green? ☐

b) What fraction of the tower is blue? ☐
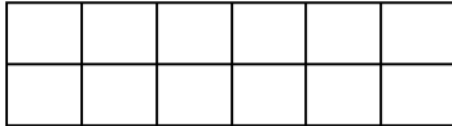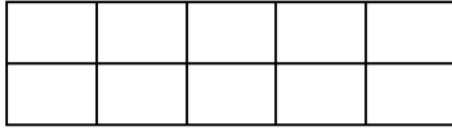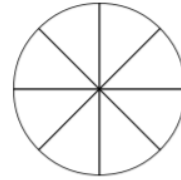
c) Complete the number sentence. ☐ + ☐ = ☐

3 What fraction of each shape is shaded?

a)

☐   ☐

b)

☐   ☐

1 Tick the pictures that show tenths.

3

To find a half I need to divide by 2

Do you agree with Dexter? _____

Show some working out using examples.

2 Draw counters in the bar models to help you complete each number sentence. The first one has been done for you.

a) $\frac{1}{2}$ of 8 = [4]

b) $\frac{1}{2}$ of 16 = [ ]
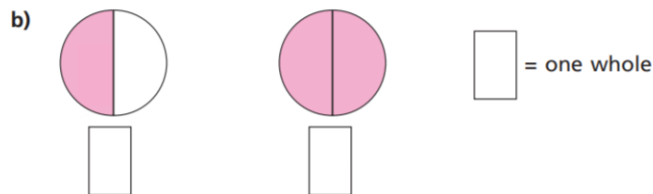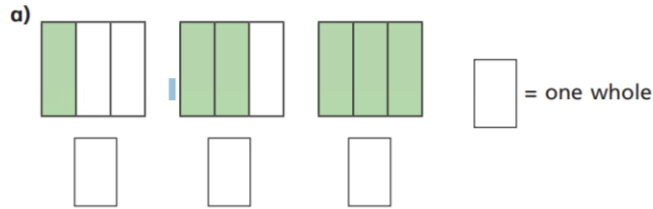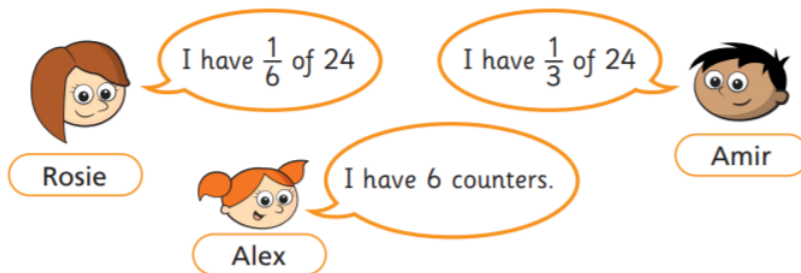
c) $\frac{1}{4}$ of 8 = [ ]

d) $\frac{1}{4}$ of 16 = [ ]

yellow

3 What fraction of each shape is shaded?

Which fraction represents a whole?

Fill in the missing fractions.

a)

= one whole

b)

= one whole

9 Rosie, Amir and Alex each find a fraction of 24 using counters.

I have $\frac{1}{6}$ of 24

I have $\frac{1}{3}$ of 24

I have 6 counters.

Rosie

Alex

Amir

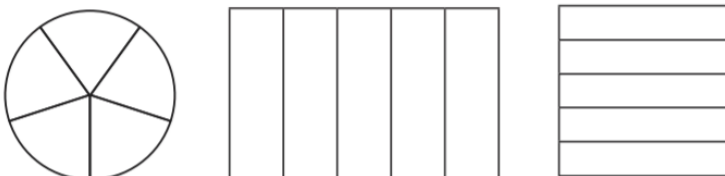**a)** Order the children from least counters to most counters.

_____ _____ _____

least counters   most counters

4 **a)** Colour $\frac{1}{5}$ of each shape.

b) Colour $\frac{3}{5}$ of each shape.

What is the same and what is different about your answers?

3 Write the missing fractions in each sequence.

a)
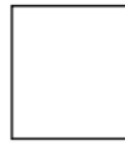
| $\frac{1}{10}$ | $\frac{2}{10}$ | | $\frac{4}{10}$ | |

| $\frac{6}{10}$ | $\frac{7}{10}$ | | $\frac{9}{10}$ | $\frac{10}{10}$ |

b)

| $\frac{10}{10}$ | $\frac{9}{10}$ | | $\frac{7}{10}$ | |

| $\frac{5}{10}$ | | | $\frac{2}{10}$ | $\frac{1}{10}$ |

There are 24 sweets. $\frac{1}{3}$ are red, $\frac{1}{6}$ are blue and $\frac{1}{2}$ are green. Draw the sweets that would be in the tube.
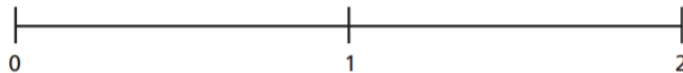
Red

4 Draw an arrow to estimate where each fraction belongs on the number line.

a) $\frac{3}{4}$

```
├────────────────────────────────────────┤
0                                         1
```

b) 1 and $\frac{2}{3}$

```
├──────────────────────┼──────────────────┤
0                      1                   2
```

8 Eva has a bag of 20 sweets.

She eats $\frac{1}{4}$ of the sweets.

She gives $\frac{1}{5}$ of the sweets that are left to Dora and 2 sweets to her mum.

How many sweets does Eva have left?

8 Mo also has a bag of sweets.

$\frac{4}{10}$ of his sweets are red.

The rest are green or yellow.

What fraction of Mo's sweets could be green?

What fraction could be yellow?

How many possible answers can you find?

Red

7

To find $\frac{3}{4}$ of 12, you divide by 4 and then multiply the answer by 3

Tommy

To find $\frac{3}{4}$ of 12, you divide by 3 and then multiply the answer by 4

Dexter

Who is correct? _____

How do you know? Show your working.

5 Write each fraction under the correct heading.

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

$\frac{3}{4}$ $\frac{7}{4}$ $\frac{8}{8}$ $\frac{7}{8}$

Less than one whole	Equal to one whole	More than one whole