


# What are fractions?


# Fractions

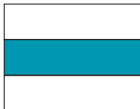
- 1** Draw lines from the fractions to the fraction names. **(2 marks)**  
The first one has been done for you.


$\frac{1}{2}$	two-quarters
$\frac{3}{4}$	one-half
$\frac{1}{4}$	three-quarters
$\frac{1}{3}$	one-third
$\frac{2}{4}$	one-quarter

- 2** What fraction of each shape is shaded blue?  
Write your answers as fractions.

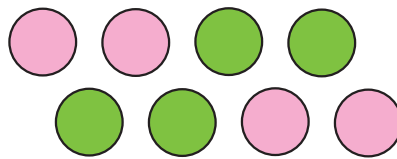
a.  = ..... **(1 mark)**

b.  = ..... **(1 mark)**

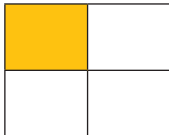
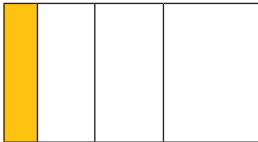
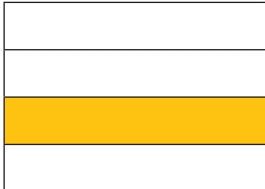
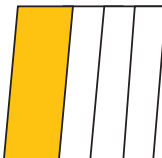
c.  = ..... **(1 mark)**

d.  = ..... **(1 mark)**

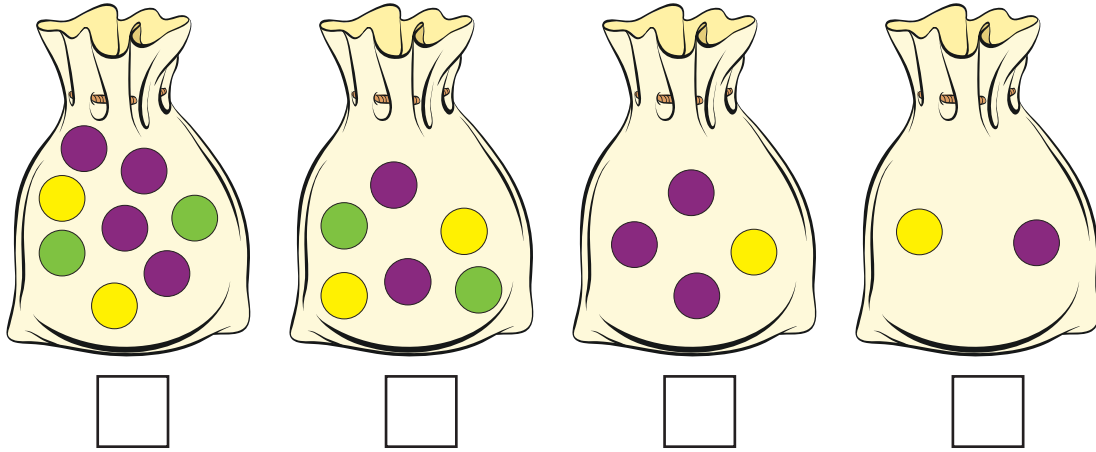
- 3** Here are some green and pink counters.



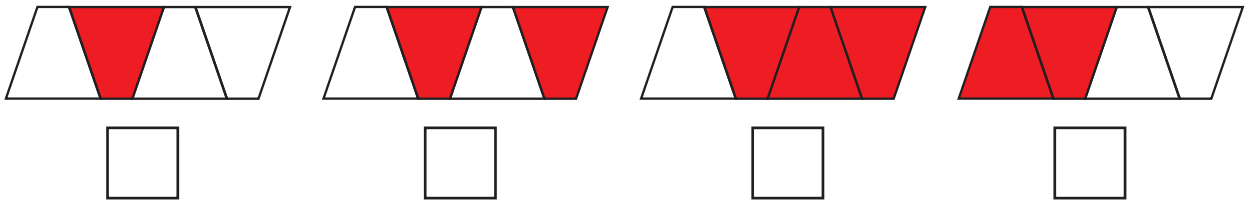
- a. What fraction of the counters is green? ..... **(1 mark)**
- b. What fraction of the counters is pink? ..... **(1 mark)**
- 4** Tick (✓) the two shapes that have  $\frac{1}{4}$  shaded orange. **(2 marks)**

			
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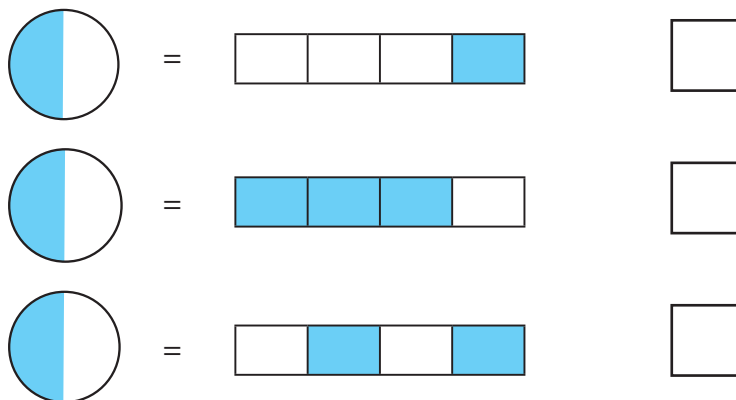
5 Tick (✓) the two bags that have half of the counters shaded purple. (2 marks)



6 Tick (✓) the shape that has  $\frac{3}{4}$  shaded red. (1 mark)



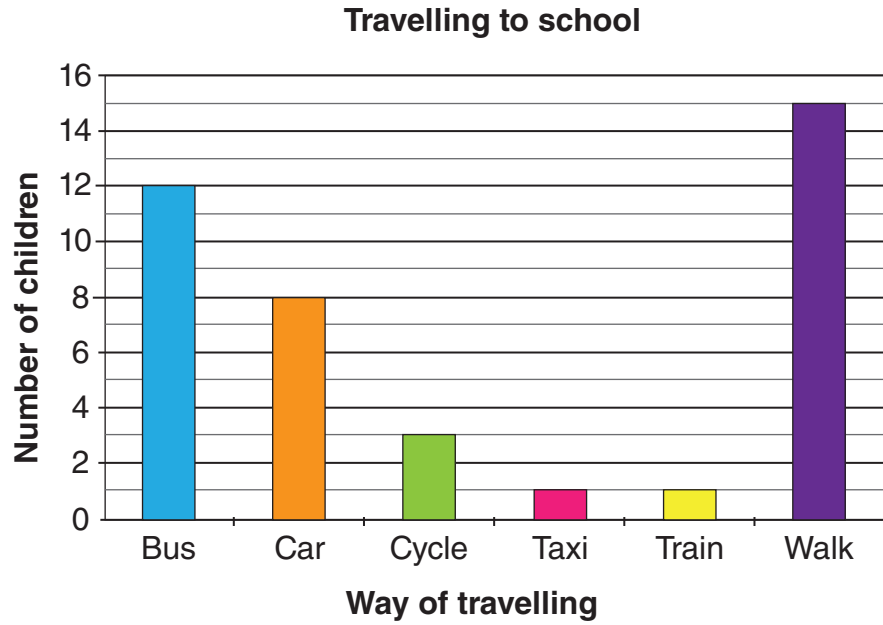
7 Tick (✓) the row that is correct. (1 mark)



When your child is finding a fraction, the quick way is to divide by the bottom number. Remember, though, that your child will need to multiply by the top number if it is larger than 1.

**Total**       
14

1 This bar chart shows how children travel to school.



Answer these questions about the bar chart.

**a.** How many children travel by car? **(1 mark)**

..... children

**b.** How many children walk to school? **(1 mark)**

..... children

**c.** How many children travel by bus and taxi altogether? **(1 mark)**

..... children

**d.** How many more children walk than cycle? **(1 mark)**

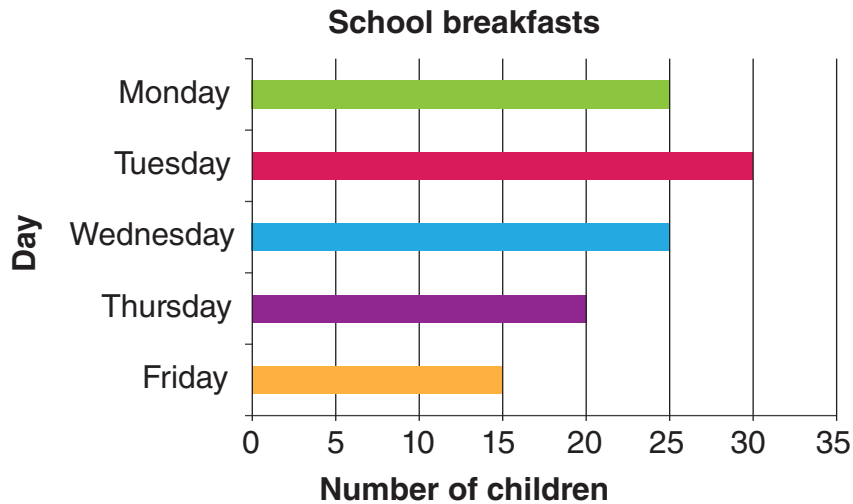
..... children



Always read charts carefully before you answer questions. Make sure you know what the chart is telling you.



2 This bar chart shows the number of children who have breakfast at school.



Answer these questions about the bar chart.

a. How many children had a school breakfast on Monday? **(1 mark)**  
 ..... children

b. On what day did 30 children have breakfast at school? **(1 mark)**  
 .....

c. On which days did the same number of children have breakfast at school?  
 ..... **(2 marks)**

d. How many more children had breakfast on Wednesday than on Friday?  
 ..... children **(1 mark)**

e. On how many days were fewer than 25 breakfasts served?  
 ..... days **(1 mark)**



**Total**     10