

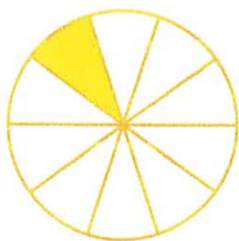
Tenths

Tenths can be written as decimals.

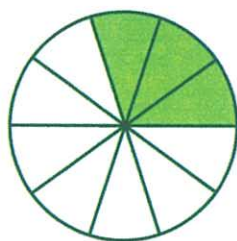
$$\frac{1}{10} = 0.1$$

$$\frac{6}{10} = 0.6$$

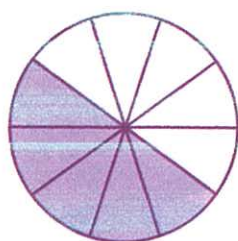
1 Write the fraction and decimal for the coloured part.



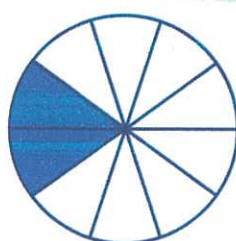
a $\frac{1}{10} = 0. \underline{\quad}$



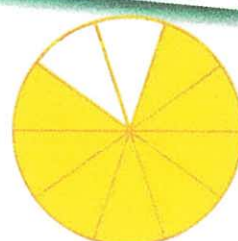
b $\frac{4}{10} = 0. \underline{\quad}$



c $\frac{6}{10} = 0. \underline{\quad}$

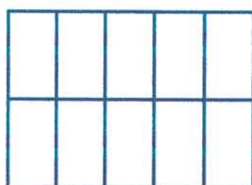


d $\frac{3}{10} = 0. \underline{\quad}$



e $\frac{8}{10} = 0. \underline{\quad}$

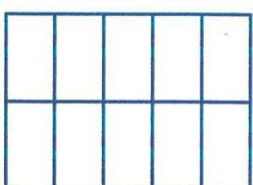
2 Colour the fraction given and write the decimal.



a $\frac{7}{10} = 0. \underline{\quad}$



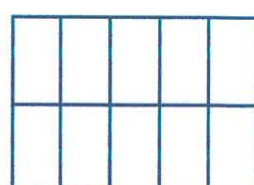
b $\frac{4}{10} = 0. \underline{\quad}$



c $\frac{9}{10} = 0. \underline{\quad}$



d $\frac{6}{10} = 0. \underline{\quad}$



e $\frac{1}{2} = 0. \underline{\quad}$

3 Write the decimal and the fraction.

a nought point three $\underline{\quad}$

b nought point nine $\underline{\quad}$

c nought point six $\underline{\quad}$

d nought point one $\underline{\quad}$

4 Write the fraction.

a two thirds $\underline{\quad}$

b one eighth $\underline{\quad}$

c one sixth $\underline{\quad}$

d three fifths $\underline{\quad}$

e one half $\underline{\quad}$

f four sixths $\underline{\quad}$

g eight twelfths $\underline{\quad}$

h three quarters $\underline{\quad}$

i one twelfth $\underline{\quad}$

j seven eighths $\underline{\quad}$

k five sixths $\underline{\quad}$

l four eighths $\underline{\quad}$

5 Use <, > or = to make these true. You can look at page 18 if you need help.

a $\frac{1}{2} \underline{\quad} \frac{3}{6}$

b $\frac{1}{2} \underline{\quad} \frac{5}{12}$

c $\frac{1}{4} \underline{\quad} \frac{1}{6}$

d $\frac{1}{12} \underline{\quad} \frac{1}{3}$

e $\frac{2}{4} \underline{\quad} \frac{6}{12}$

f $\frac{1}{10} \underline{\quad} 0.1$

g $0.1 \underline{\quad} \frac{4}{10}$

h $\frac{7}{10} \underline{\quad} 0.7$

i $\frac{1}{3} \underline{\quad} \frac{3}{6}$

j $\frac{5}{10} \underline{\quad} 0.9$

Draw a diagram

A diagram will help you answer this. $\frac{2}{3} + \frac{5}{6} = \underline{\quad}$

Making equivalent fractions

Remember $\frac{2}{5}$ ← numerator
5 ← denominator

To make **equivalent fractions**

- multiply the numerator and the denominator by the same number.

$$\text{eg } \frac{1}{3} = \frac{1 \times 5}{3 \times 5} = \frac{5}{15}$$

OR

- divide the numerator and the denominator by the same number.

$$\text{eg } \frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$$

- 1 Make equivalent fractions for each diagram on page 100 by multiplying the numerator and the denominator by 4.

a $\frac{4}{12} = \frac{4 \times 4}{12 \times 4} = \frac{16}{48}$	b $\frac{2}{5} = \frac{2 \times 4}{5 \times 4} =$	
c	d	
e	f	
g	h	i
j	k	l

- 2 Divide to make the smallest equivalent fraction.

a $\frac{5}{20} = \frac{5 \div 5}{20 \div 5} =$	b $\frac{6}{30} =$	c $\frac{9}{12} =$
d $\frac{15}{40} =$	e $\frac{8}{28} =$	f $\frac{20}{90} =$

- 3 Circle the equivalent fractions.

a $\frac{2}{3}, \frac{3}{6}, \frac{4}{6}$

b $\frac{6}{12}, \frac{5}{8}, \frac{1}{2}$

c $\frac{2}{5}, \frac{6}{15}, \frac{4}{12}$

d $\frac{1}{4}, \frac{1}{8}, \frac{2}{16}$

e $\frac{3}{9}, \frac{1}{3}, \frac{6}{12}$

f $\frac{7}{8}, \frac{10}{12}, \frac{5}{6}$

g $\frac{10}{20}, \frac{6}{10}, \frac{3}{5}$

h $\frac{2}{4}, \frac{3}{6}, \frac{4}{8}$

4 a $\frac{15}{40} = \frac{3}{\square}$

b $\frac{24}{32} = \frac{\square}{4}$

c $\frac{27}{30} = \frac{\square}{10}$

d $\frac{28}{36} = \frac{7}{\square}$

e $\frac{21}{56} = \frac{3}{\square}$

f $\frac{90}{100} = \frac{\square}{10}$

g $\frac{16}{18} = \frac{8}{\square}$

h $\frac{20}{50} = \frac{10}{\square} = \frac{\square}{5}$