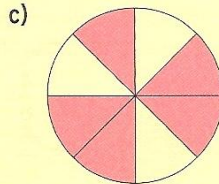
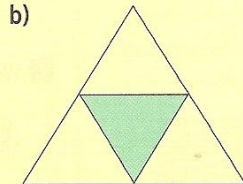
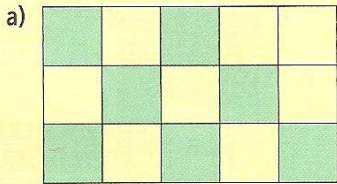
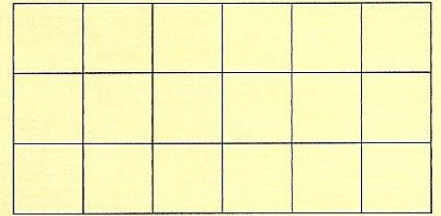


# Fractions : Skills practice

- 1 For each shape, write down...  
i) the fraction that's shaded  
ii) the fraction that's not shaded.



- 2 Copy this shape and shade in  $\frac{5}{6}$ .



- 3 Copy and complete these fractions:

a)  $\frac{2}{3} = \frac{?}{12}$     b)  $\frac{25}{30} = \frac{5}{?}$     c)  $\frac{9}{12} = \frac{27}{?}$     d)  $\frac{20}{36} = \frac{10}{?}$

- 5 Work out...

a)  $\frac{2}{3} + \frac{1}{3}$     c)  $\frac{2}{5} - \frac{3}{10}$     e)  $\frac{12}{17} - \frac{3}{34}$   
b)  $\frac{7}{9} - \frac{2}{9}$     d)  $\frac{3}{8} + \frac{1}{16}$     f)  $\frac{3}{10} + \frac{1}{2}$

- 4 The following cards show some fractions.

$\frac{2}{3}$

$\frac{4}{5}$

$\frac{5}{9}$

$\frac{12}{15}$

$\frac{10}{15}$

$\frac{9}{10}$

$\frac{21}{27}$

$\frac{11}{32}$

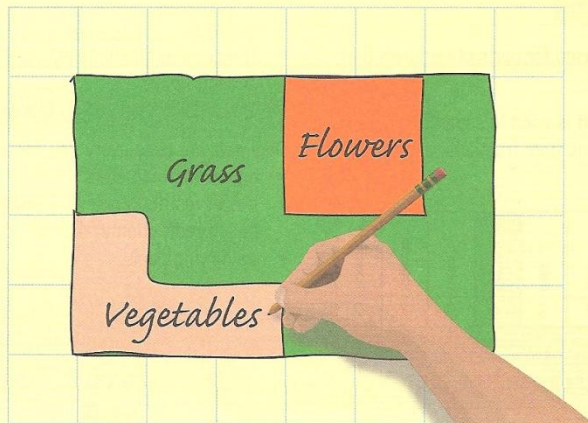
$\frac{25}{45}$

$\frac{20}{40}$

$\frac{7}{9}$

Write down the fractions that are equivalent.

- 6 Richard is designing his garden.  
 $\frac{2}{5}$  of the garden is grass and  $\frac{1}{5}$  of the garden is a vegetable plot.  
The rest of the garden is a flower bed.  
What fraction of the garden is the flower bed?



- 7 An architect is designing a play area.  
 $\frac{1}{5}$  of the area will be a children's playground.  
 $\frac{3}{10}$  of the area will be a swimming pool.  
How much of the area has the architect used and how much is left?

- 8 Find...  
a)  $\frac{2}{3}$  of 30ml    b)  $\frac{5}{7}$  of 49kg    c)  $\frac{3}{8}$  of £40  
9 Find...  
a)  $\frac{7}{12}$  of 1200kg    b)  $\frac{8}{9}$  of £81    c)  $\frac{7}{10}$  of £640  
10 Rupinder gets £10 pocket money per week.  
She spends  $\frac{3}{5}$  of her pocket money on magazines.  
How much does Rupinder spend on magazines each week?

- 11 John's mobile phone package includes 500 minutes and 350 text messages per month.  
In February, he used  $\frac{4}{5}$  of his inclusive minutes and  $\frac{3}{7}$  of his text message allowance.  
a) How many of his inclusive minutes did John not use in February?  
b) How many text messages did John send?  
12 Jessica wrote down the following sum:  
 $\frac{2}{3} + \frac{4}{6} = \frac{6}{8}$   
Show whether or not Jessica is correct.