



# Mathematics Homework

Block 5

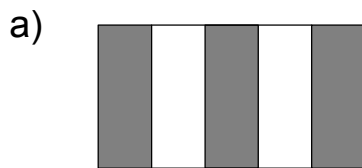
Fractions Level 2

Name: \_\_\_\_\_ Reg. Class \_\_\_\_\_

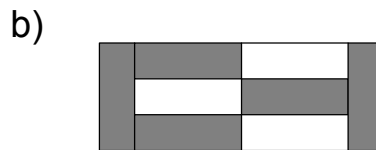
SHOW ALL WORKING!

## Fractions

1. For each shape, say what fraction has been shaded.



Answer \_\_\_\_\_



Answer \_\_\_\_\_

2. a) Complete (i)  $\frac{1}{3} = \frac{\quad}{6}$  (ii)  $\frac{2}{5} = \frac{6}{\quad}$

b) Write down another fraction equal to  $\frac{7}{10}$ . Answer \_\_\_\_\_

c) **Simplify** (i)  $\frac{4}{8}$  Answer \_\_\_\_\_

(ii)  $\frac{12}{18}$  Answer \_\_\_\_\_

3. Find

a)  $\frac{1}{2}$  of 30 =                      b)  $\frac{1}{6}$  of 48 =

c)  $\frac{3}{4}$  of 24 =                      d)  $\frac{5}{7}$  of 42 =

For working

4. There are 480 pieces of fruit in a large crate. A third of the fruit are pears.

How many pears are there?

For working

Answer \_\_\_\_\_

## Percentages

5. Write each of the following as a fraction.

a)  $43\% =$

b)  $50\% =$

c)  $1\% =$

6. Write each of the following as a decimal.

a)  $33\% =$

b)  $87\% =$

c)  $3\% =$

7. Find

a)  $50\%$  of  $20 =$

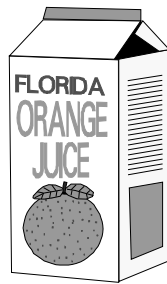
b)  $25\%$  of  $36 =$

c)  $10\%$  of  $30 =$

d)  $20\%$  of  $20 =$

For working

8. Ethel drank 10% of her orange juice.

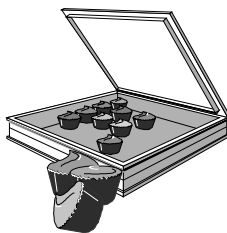


If Ethel had 400 millilitres to begin with, how much orange juice had she drunk?

Working

Answer \_\_\_\_\_

9. Jerry had a box of sweets. He gave a quarter of his sweets to his friends.



What percentage of his sweets was this?

Working

Answer \_\_\_\_\_