



Mathematics Homework

Block 5

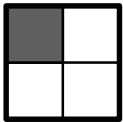
Fractions Level 2



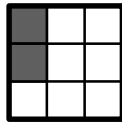
Name: _____ Reg. Class _____

Fractions

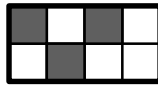
1. What fraction of each shape is shaded in (the first one is done for you);-



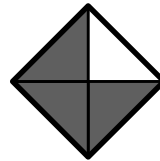
a) $\frac{1}{4}$



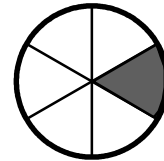
b) _____



c) _____

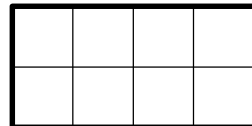


d) _____



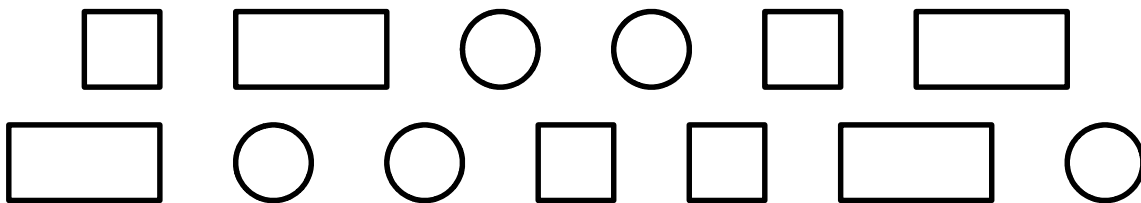
e) _____

2. Shade in $\frac{5}{8}$ of this rectangle:-



3. At a school assembly, $\frac{3}{8}$ of the pupils were boys.
Write down the fraction which were girls. _____

4. Here is a collection of shapes.



- How many shapes are there altogether? _____
- What fraction are **circles**? _____
- What fraction are **squares**? _____
- What fraction are **rectangles**? _____
- What fraction are **not circles**? _____

5. Simplify these fractions (the first one is done for you)

a) $\frac{8^4}{10^5} = \frac{4}{5}$ b) $\frac{5}{10} = \underline{\hspace{1cm}}$ c) $\frac{6}{9} = \underline{\hspace{1cm}}$ d) $\frac{10}{30} = \underline{\hspace{1cm}}$ e) $\frac{7}{35} = \underline{\hspace{1cm}}$

6. John scored 18 out of 20 for his maths test.

- a) Write his score as a fraction _____
 b) Now write his score as a simplified fraction _____

7. Kevin had £8, John had £5 and Tina had £7.

- a) What total amount of money did they have altogether £ _____
 b) What fraction of the total did Tina have? £ _____
 c) What simplified fraction did John have? £ _____

8. Find:-

- a) $\frac{1}{2}$ of 20p = _____ b) $\frac{1}{3}$ of £18 = _____ c) $\frac{1}{5}$ of 40cm = _____
 d) $\frac{1}{4}$ of 24 litres = _____ e) $\frac{1}{3}$ of 12cm = _____ f) $\frac{1}{10}$ of £50 = _____

9. Draw arrows to show what fraction of each shape is shaded in (the first one has been drawn for you).

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