Dalkeith High School - Level 2 - HOMEWORK 22



- 1. Write the mathematical name for :-
- (a) the top part of a fraction
- (b) the bottom part of a fraction.
- 2. For each of the following, say what fraction has been shaded :-



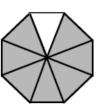
(b)



(c)



(d)



3. Draw four rectangles each 8 boxes by 2 boxes.

Shade or colour :-

- (a) $\frac{1}{4}$
- (b) $\frac{3}{4}$
- (c) $\frac{5}{8}$
- (d) $\frac{1}{16}$ of the shape.

4. Draw four squares each 6 boxes by 6 boxes.

Shade or colour :-

- (a) $\frac{1}{4}$
- (b) $\frac{5}{6}$
- (c) $\frac{5}{12}$
- (d) $\frac{2}{3}$ of the shape.

- 5. Simplify each fraction :-
 - (a) $\frac{10}{20}$

(b) $\frac{5}{25}$

(c) $\frac{3}{12}$

(d) $\frac{4}{24}$

(e) $\frac{8}{30}$

(f) $\frac{6}{45}$

- (g) $\frac{16}{48}$
- (h) $\frac{250}{600}$

(e) $\frac{7}{42}$

(f) $\frac{8}{36}$

(g) $\frac{12}{54}$

(h) $\frac{17}{51}$

- 6. Simplify:-
 - (a) $\frac{17}{102}$

- (b) $\frac{27}{243}$
- (c) $\frac{11}{242}$
- (d) $\frac{23}{2323}$