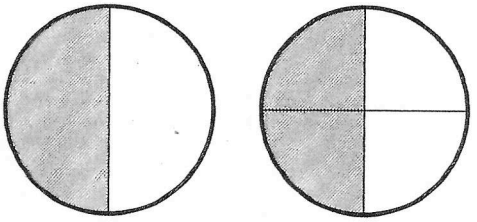
Equal fractions

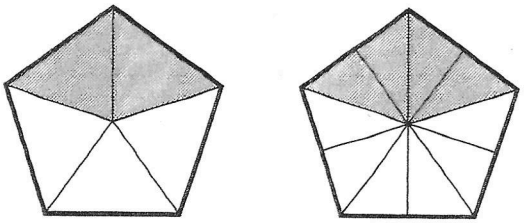
Fractions: equivalence

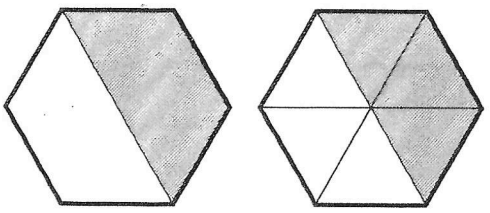
Heinemann Mathematics 6
Textbook page 31

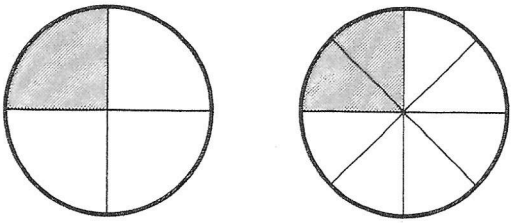
10

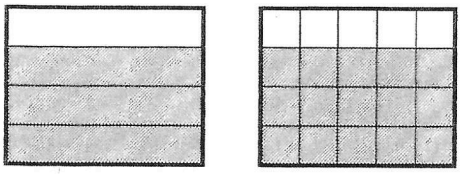
1 Write equal fractions for each pair of designs.

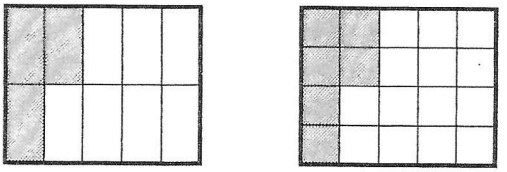
(a) 

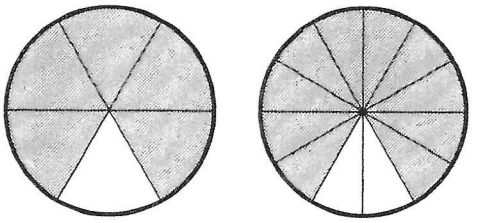
(b) 

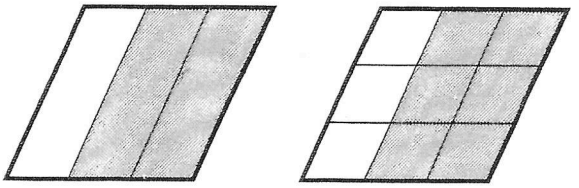
(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

2 Find the missing numbers.

(a) $\frac{1}{2} \overset{\times \square}{=} \frac{3}{6}$ $\quad \times \square$

(b) $\frac{3}{4} \overset{\times \square}{=} \frac{15}{20}$ $\quad \times \square$

(c) $\frac{2}{3} \overset{\times \square}{=} \frac{8}{12}$ $\quad \times \square$

3 Copy and complete.

(a) $\frac{1}{2} = \frac{}{8}$ (b) $\frac{2}{3} = \frac{}{6}$ (c) $\frac{1}{2} = \frac{}{12}$ (d) $\frac{1}{10} = \frac{}{100}$

(e) $\frac{1}{4} = \frac{}{12}$ (f) $\frac{3}{5} = \frac{}{10}$ (g) $\frac{4}{5} = \frac{}{20}$ (h) $\frac{1}{4} = \frac{}{20}$

(i) $\frac{7}{10} = \frac{}{20}$ (j) $\frac{4}{5} = \frac{}{10}$ (k) $\frac{3}{4} = \frac{}{12}$ (l) $\frac{9}{10} = \frac{}{100}$

4 Change (a) $\frac{3}{4}$ to eighths (b) $\frac{2}{3}$ to twelfths (c) $\frac{3}{10}$ to hundredths.