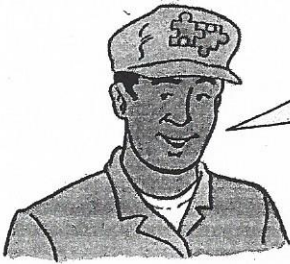


1



$$\frac{5}{8} \xrightarrow{\times 5} \frac{25}{40}$$

To make an equal fraction, multiply the top and bottom by the same number.

Copy and complete.

- (a) $\frac{5}{8} = \frac{\quad}{16}$ (b) $\frac{1}{5} = \frac{\quad}{40}$ (c) $\frac{3}{10} = \frac{\quad}{50}$
 (d) $\frac{2}{3} = \frac{20}{\quad}$ (e) $\frac{9}{10} = \frac{63}{\quad}$ (f) $\frac{4}{5} = \frac{\quad}{25}$
 (g) $\frac{1}{2} = \frac{9}{\quad}$ (h) $\frac{3}{4} = \frac{15}{\quad}$

2.



$$\frac{28}{49} \xrightarrow{\div 7} \frac{4}{7}$$

To make an equal fraction, divide the top and bottom by the same number.

Copy and complete.

- (a) $\frac{7}{14} = \frac{\quad}{2}$ (b) $\frac{25}{40} = \frac{\quad}{8}$ (c) $\frac{49}{70} = \frac{7}{\quad}$
 (d) $\frac{30}{36} = \frac{\quad}{6}$ (e) $\frac{20}{30} = \frac{\quad}{3}$ (f) $\frac{18}{24} = \frac{\quad}{4}$
 (g) $\frac{12}{30} = \frac{2}{\quad}$ (h) $\frac{5}{20} = \frac{\quad}{4}$

60 of the 80 mosaic tiles are yellow.

$\frac{60}{80}$ are yellow.

To simplify, divide the top and bottom by the same numbers.

$\frac{3}{4}$ are yellow.

$$\frac{60}{80} \xrightarrow{\div 10} \frac{6}{8} \xrightarrow{\div 2} \frac{3}{4}$$

3. Find the missing numbers.

(a)

$$\frac{80}{100} \xrightarrow{\div \square} \frac{8}{10} \xrightarrow{\div \triangle} \frac{4}{5}$$

(b)

$$\frac{24}{36} \xrightarrow{\div \square} \frac{6}{9} \xrightarrow{\div \triangle} \frac{2}{3}$$

(c)

$$\frac{54}{90} \xrightarrow{\div \square} \frac{6}{10} \xrightarrow{\div \triangle} \frac{3}{5}$$

4. Simplify.

- (a) $\frac{30}{45}$ (b) $\frac{40}{60}$ (c) $\frac{90}{120}$ (d) $\frac{40}{100}$
 (e) $\frac{30}{90}$ (f) $\frac{18}{30}$ (g) $\frac{64}{80}$ (h) $\frac{63}{105}$
 (i) $\frac{48}{72}$ (j) $\frac{60}{96}$ (k) $\frac{490}{560}$ (l) $\frac{200}{800}$

