

FRACTIONS

Example

Express: a $\frac{3}{4}$ with denominator 32

$$\frac{3}{4} = \frac{24}{32}$$

3 $\times 8$ 24
4 $\times 8$ 32

b $\frac{25}{45}$ with numerator 15

$$\frac{25}{45} = \frac{5}{9}$$

$$\frac{5}{9} = \frac{15}{27}$$

5 $\times 3$ 15
9 $\times 3$ 27

Express with denominator 12:

a $\frac{2}{3}$

b $\frac{3}{4}$

c $\frac{5}{6}$

d $\frac{6}{18}$

e $\frac{15}{45}$

Express with numerator 12:

a $\frac{3}{7}$

b $\frac{6}{5}$

c $\frac{4}{9}$

d $\frac{24}{28}$

e $\frac{18}{42}$

Express in lowest terms:

a $\frac{6}{10}$

b $\frac{6}{18}$

c $\frac{25}{10}$

d $\frac{14}{35}$