

Name: ..... Class: .....

Equivalent fractions review

In each case, find the the missing number that makes the fractions equal.  
(follow the example).

a.  $\frac{3}{8} = \frac{6}{?} =$

$\frac{3}{8} = \frac{6}{?} = \frac{3}{8} \times \frac{2}{2} = \frac{6}{16} = 3 \times 2 = 6 \times 8$

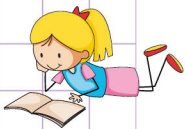
$x = \frac{6 \times 8}{3} = 16$



Therefore, ? = 16

b.  $\frac{2}{14} = \frac{1}{?} =$

c.  $\frac{?}{15} = \frac{3}{5} =$



d.  $\frac{12}{?} = \frac{6}{7} =$

e.  $\frac{6}{9} = \frac{?}{18} =$



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Equivalent fractions review

In each case, find the the missing number that makes the fractions equal.  
(follow the example).

a.  $\frac{3}{8} = \frac{6}{?} =$   $\frac{3}{8} = \frac{6}{?} = \frac{3}{8} \times \frac{x}{x} = \frac{6}{8x} = 3 \times x = 6 \times 8$   
 $x = \frac{6^2 \times 8}{8^1} = 16$



Therefore, ? = 16

b.  $\frac{2}{14} = \frac{1}{?} =$   $\frac{2}{14} = \frac{1}{?} = \frac{2}{14} \times \frac{x}{x} = \frac{1}{7x} = 2 \times x = 14 \times 1$   
 $x = \frac{14^1 \times 1}{2^1} = 7$

Therefore, ? = 7

c.  $\frac{?}{15} = \frac{3}{5} =$   $\frac{?}{15} = \frac{3}{5} = \frac{x}{15} \times \frac{x}{x} = \frac{3}{5} = 5 \times x = 15 \times 3$   
 $x = \frac{15^3 \times 3}{5^1} = 9$



Therefore, ? = 9

d.  $\frac{12}{?} = \frac{6}{7} =$   $\frac{12}{?} = \frac{6}{7} = \frac{12}{x} \times \frac{x}{x} = \frac{6}{7} = 12 \times 7 = 6 \times x$   
 $x = \frac{12^2 \times 7}{6^1} = 14$

Therefore, ? = 14

e.  $\frac{6}{9} = \frac{?}{18} =$   $\frac{6}{9} = \frac{?}{18} = \frac{6}{9} \times \frac{x}{x} = \frac{6}{9} = 6 \times 18 = 9 \times x$   
 $x = \frac{6^2 \times 18}{9^1} = 12$



Therefore, ? = 12