

# **Simplify fractions by using cross canceling**

Example:  $\frac{3}{8} \times \frac{4}{15} = \frac{3 \times 4}{8 \times 15}$  = divide numerator and denominator by 3  
=  $\frac{1 \times 4}{8 \times 5}$  **now** divides numerator and denominator by 4  
=  $\frac{1 \times 1}{2 \times 5} = \frac{1}{10}$  (ans)

1.  $\frac{2}{9} \times \frac{3}{8}$  = \_\_\_\_\_

2.  $\frac{3}{5} \times \frac{15}{9}$  = \_\_\_\_\_

3.  $\frac{1}{4} \times \frac{2}{5}$  = \_\_\_\_\_

4.  $\frac{7}{9} \times \frac{3}{7}$  = \_\_\_\_\_

5.  $\frac{3}{5} \times \frac{5}{12}$  = \_\_\_\_\_

6.  $\frac{4}{9} \times \frac{12}{16}$  = \_\_\_\_\_

7.  $\frac{9}{12} \times \frac{15}{24}$  = \_\_\_\_\_

8.  $\frac{15}{16} \times \frac{32}{10}$  = \_\_\_\_\_

9.  $\frac{7}{15} \times \frac{21}{7}$  = \_\_\_\_\_

10.  $1 \frac{1}{3} \times \frac{20}{14}$  = \_\_\_\_\_

11.  $2 \frac{2}{3} \times \frac{3}{10}$  = \_\_\_\_\_

12.  $2 \frac{7}{9} \times \frac{45}{25}$  = \_\_\_\_\_

13.  $3 \frac{1}{5} \times \frac{10}{16}$  = \_\_\_\_\_

14.  $4 \frac{4}{5} \times \frac{20}{32}$  = \_\_\_\_\_