

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Fractions with Cross Canceling

$$1) \quad \frac{14}{15} \times \frac{3}{9} =$$

$$2) \quad \frac{2}{8} \times \frac{6}{10} =$$

$$3) \quad \frac{3}{4} \times \frac{10}{16} =$$

$$4) \quad \frac{11}{14} \times \frac{8}{22} =$$

$$5) \quad \frac{1}{21} \times \frac{19}{20} =$$

$$6) \quad \frac{22}{26} \times \frac{5}{9} =$$

$$7) \quad \frac{4}{5} \times \frac{1}{2} =$$

$$8) \quad \frac{1}{5} \times \frac{5}{16} =$$

$$9) \quad \frac{1}{18} \times \frac{12}{16} =$$

$$10) \quad \frac{19}{22} \times \frac{7}{15} =$$

$$11) \quad \frac{2}{5} \times \frac{15}{20} =$$

$$12) \quad \frac{16}{20} \times \frac{18}{21} =$$

$$13) \quad \frac{22}{26} \times \frac{1}{2} =$$

$$14) \quad \frac{1}{3} \times \frac{7}{8} =$$

$$15) \quad \frac{23}{25} \times \frac{1}{6} =$$



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$$\begin{array}{l}
 1) \quad \frac{14}{15} \times \frac{3}{9} = \frac{14 \cancel{x} \overset{1}{\cancel{3}}}{\overset{5}{\cancel{15}} \times 9} = \frac{14}{45} \\
 2) \quad \frac{2}{8} \times \frac{6}{10} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{6}}}{\overset{4}{\cancel{8}} \times \overset{5}{\cancel{10}}} = \frac{3}{20} \\
 3) \quad \frac{3}{4} \times \frac{10}{16} = \frac{3 \times \overset{5}{\cancel{10}}}{\overset{2}{\cancel{4}} \times 16} = \frac{15}{32} \\
 4) \quad \frac{11}{14} \times \frac{8}{22} = \frac{\overset{1}{\cancel{11}} \times \overset{4}{\cancel{8}}}{\overset{7}{\cancel{14}} \times \overset{2}{\cancel{22}}} \overset{2}{=} \frac{2}{7} \\
 5) \quad \frac{1}{21} \times \frac{19}{20} = \frac{1 \times 19}{21 \times 20} = \frac{19}{420} \\
 6) \quad \frac{22}{26} \times \frac{5}{9} = \frac{\overset{11}{\cancel{22}} \times 5}{\overset{13}{\cancel{26}} \times 9} = \frac{55}{117} \\
 7) \quad \frac{4}{5} \times \frac{1}{2} = \frac{\overset{2}{\cancel{4}} \times 1}{5 \times \overset{1}{\cancel{2}}} = \frac{2}{5} \\
 8) \quad \frac{1}{5} \times \frac{5}{16} = \frac{1 \times \overset{1}{\cancel{5}}}{\overset{1}{\cancel{5}} \times 16} = \frac{1}{16} \\
 9) \quad \frac{1}{18} \times \frac{12}{16} = \frac{1 \times \overset{2}{\cancel{12}}}{\overset{3}{\cancel{18}} \times \overset{2}{\cancel{16}}} \overset{1}{=} \frac{1}{24} \\
 10) \quad \frac{19}{22} \times \frac{7}{15} = \frac{19 \times 7}{22 \times 15} = \frac{133}{330} \\
 11) \quad \frac{2}{5} \times \frac{15}{20} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{15}}}{\overset{1}{\cancel{5}} \times \overset{10}{\cancel{20}}} = \frac{3}{10} \\
 12) \quad \frac{16}{20} \times \frac{18}{21} = \frac{\overset{8}{\cancel{16}} \times \overset{9}{\cancel{18}}}{\overset{5}{\cancel{10}} \times \overset{7}{\cancel{21}}} \overset{3}{=} \frac{24}{35} \\
 13) \quad \frac{22}{26} \times \frac{1}{2} = \frac{\overset{11}{\cancel{22}} \times 1}{\overset{13}{\cancel{26}} \times \overset{1}{\cancel{2}}} = \frac{11}{26} \\
 14) \quad \frac{1}{3} \times \frac{7}{8} = \frac{1 \times 7}{3 \times 8} = \frac{7}{24} \\
 15) \quad \frac{23}{25} \times \frac{1}{6} = \frac{23 \times 1}{25 \times 6} = \frac{23}{150}
 \end{array}$$

