Name : _____ Score : _____

Teacher : _____ Date : _____

Multiplying Fractions with Cross Canceling

1) $\frac{1}{15} \times \frac{26}{28} =$

2) $\frac{13}{21} \times \frac{5}{14} =$

3) $\frac{3}{12} \times \frac{1}{4} =$

4) $\frac{2}{5} \times \frac{2}{9} =$

5) $\frac{3}{20} \times \frac{14}{15} =$

6) $\frac{4}{21} \times \frac{7}{9} =$

7) $\frac{7}{10} \times \frac{1}{3} =$

8) $\frac{1}{5} \times \frac{2}{6} =$

9) $\frac{3}{28} \times \frac{6}{9} =$

10) $\frac{19}{20} \times \frac{4}{7} =$

11) $\frac{7}{20} \times \frac{2}{3} =$

12) $\frac{5}{10} \times \frac{2}{14} =$

13) $\frac{14}{18} \times \frac{1}{22} =$

14) $\frac{19}{21} \times \frac{12}{14} =$

15) $\frac{3}{6} \times \frac{4}{14} =$

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Multiplying Fractions with Cross Canceling

1) $\frac{1}{15} \times \frac{26}{28} = \frac{1 \times \cancel{26}^{13}}{15 \times \cancel{28}^{14}} = \frac{13}{210}$

2) $\frac{13}{21} \times \frac{5}{14} = \frac{13 \times 5}{21 \times 14} = \frac{65}{294}$

3) $\frac{3}{12} \times \frac{1}{4} = \frac{\cancel{3}^{1} \times 1}{\cancel{12}^{4} \times 4} = \frac{1}{16}$

4) $\frac{2}{5} \times \frac{2}{9} = \frac{2 \times 2}{5 \times 9} = \frac{4}{45}$

5) $\frac{3}{20} \times \frac{14}{15} = \frac{\cancel{3}^{1} \times \cancel{14}^{7}}{\cancel{20}^{10} \times \cancel{15}^{5}} = \frac{7}{50}$

6) $\frac{4}{21} \times \frac{7}{9} = \frac{4 \times \cancel{7}^{1}}{\cancel{21}^{3} \times 9} = \frac{4}{27}$

7) $\frac{7}{10} \times \frac{1}{3} = \frac{7 \times 1}{10 \times 3} = \frac{7}{30}$

8) $\frac{1}{5} \times \frac{2}{6} = \frac{1 \times \cancel{2}^{1}}{5 \times \cancel{6}^{3}} = \frac{1}{15}$

9) $\frac{3}{28} \times \frac{6}{9} = \frac{\cancel{3}^{1} \times \cancel{6}^{\cancel{3}^{1}}}{\cancel{28}^{14} \times \cancel{9}^{\cancel{3}^{1}}} = \frac{1}{14}$

10) $\frac{19}{20} \times \frac{4}{7} = \frac{19 \times \cancel{4}^{1}}{\cancel{20}^{5} \times 7} = \frac{19}{35}$

11) $\frac{7}{20} \times \frac{2}{3} = \frac{7 \times \cancel{2}^{1}}{\cancel{20}^{10} \times 3} = \frac{7}{30}$

12) $\frac{5}{10} \times \frac{2}{14} = \frac{\cancel{5}^{1} \times \cancel{2}^{1}}{\cancel{10}^{\cancel{5}^{1}} \times 14} = \frac{1}{14}$

13) $\frac{14}{18} \times \frac{1}{22} = \frac{\cancel{14}^{7} \times 1}{18 \times \cancel{22}^{11}} = \frac{7}{198}$

14) $\frac{19}{21} \times \frac{12}{14} = \frac{19 \times \cancel{12}^{\cancel{4}^{2}}}{\cancel{21}^{7} \times \cancel{14}^{7}} = \frac{38}{49}$

15) $\frac{3}{6} \times \frac{4}{14} = \frac{\cancel{3}^{1} \times \cancel{4}^{\cancel{2}^{1}}}{\cancel{6}^{\cancel{3}^{1}} \times \cancel{14}^{7}} = \frac{1}{7}$