Multiplying and Dividing Fractions Mix-Up Name _____

1. $\frac{13}{16} \cdot \frac{10}{39}$

2. $\frac{7}{10} \div \frac{5}{12}$

3. $4\frac{2}{5} \cdot 300$

4. $2\frac{4}{7} \cdot 1\frac{5}{9}$

5. $7\frac{1}{2} \div 3$

6. $15\frac{3}{4} \cdot 1\frac{1}{21}$

7. $6\frac{2}{5} \div 3\frac{1}{5}$

8. $20\frac{1}{4} \div 1\frac{4}{5}$

9. $2\frac{8}{17} \cdot 1\frac{3}{14}$

10. $1\frac{1}{9} \div 3\frac{17}{21}$

11. $600 \div 8\frac{4}{7}$

12. $9\frac{3}{8} \cdot 8\frac{4}{5}$

Multiplying and Dividing Fractions Mix-Up Name Key

1. $\frac{13}{16} \cdot \frac{10}{39} = \frac{5}{24}$

2. $\frac{7}{10} \div \frac{5}{12}$

$\frac{7}{10} \cdot \frac{12}{5} = \frac{42}{25} = 1\frac{17}{25}$

3. $4\frac{2}{5} \cdot 300$

$\frac{22}{5} \cdot \frac{300}{1} = 1320$

4. $2\frac{4}{7} \cdot 1\frac{5}{9}$

$\frac{18}{7} \cdot \frac{14}{9} = \frac{4}{1} = 4$

5. $7\frac{1}{2} \div 3$

$\frac{15}{2} \div \frac{3}{1}$

$\frac{15}{2} \cdot \frac{1}{3} = \frac{5}{2} = 2\frac{1}{2}$

6. $15\frac{3}{4} \cdot 1\frac{1}{21}$

$\frac{63}{4} \cdot \frac{22}{21} = \frac{33}{2} = 16\frac{1}{2}$

7. $6\frac{2}{5} \div 3\frac{1}{5}$

$\frac{32}{5} \div \frac{16}{5}$

$\frac{32}{5} \cdot \frac{5}{16} = 2$

8. $20\frac{1}{4} \div 1\frac{4}{5}$

$\frac{81}{4} \div \frac{9}{5}$

$\frac{81}{4} \cdot \frac{5}{9} = \frac{45}{4} = 11\frac{1}{4}$

9. $2\frac{8}{17} \cdot 1\frac{3}{14}$

$\frac{42}{17} \cdot \frac{17}{14} = \frac{3}{1} = 3$

10. $1\frac{1}{9} \div 3\frac{17}{21}$

$\frac{10}{9} \div \frac{80}{21}$

$\frac{10}{9} \cdot \frac{21}{80} = \frac{7}{24}$

11. $600 \div 8\frac{4}{7}$

$\frac{600}{1} \div \frac{60}{7}$

$\frac{600}{1} \cdot \frac{7}{60} = 70$

12. $9\frac{3}{8} \cdot 8\frac{4}{5}$

$\frac{75}{8} \cdot \frac{44}{5} = \frac{165}{2} = 82\frac{1}{2}$