

Name _____

Order of Operations with Fractions

Multiply the inner parentheses first, then add and multiply.

$$1) \frac{3}{5} \times \left(\frac{1}{4} + \left(\frac{1}{2} \times \frac{3}{8} \right) \right)$$

$$\frac{21}{80}$$

$$2) \frac{2}{3} \times \left(\frac{1}{6} + \left(\frac{4}{5} \times \frac{1}{2} \right) \right)$$

$$\frac{17}{45}$$

$$3) \frac{7}{10} \times \left(\frac{1}{5} + \left(\frac{3}{4} \times \frac{1}{3} \right) \right)$$

$$\frac{63}{200}$$

$$4) \frac{4}{7} \times \left(\frac{1}{3} + \left(\frac{2}{5} \times \frac{3}{8} \right) \right)$$

$$\frac{29}{105}$$

$$5) \frac{5}{9} \times \left(\frac{1}{2} + \left(\frac{1}{4} \times \frac{5}{6} \right) \right)$$

$$\frac{85}{216}$$

$$6) \frac{1}{2} \times \left(\frac{1}{3} + \left(\frac{2}{3} \times \frac{1}{4} \right) \right)$$

$$\frac{1}{4}$$

$$7) \frac{3}{4} \times \left(\frac{2}{5} + \left(\frac{3}{10} \times \frac{1}{2} \right) \right)$$

$$\frac{33}{80}$$

$$8) \frac{2}{3} \times \left(\frac{1}{4} + \left(\frac{2}{3} \times \frac{3}{5} \right) \right)$$

$$\frac{13}{30}$$

$$9) \frac{4}{5} \times \left(\frac{1}{6} + \left(\frac{2}{3} \times \frac{1}{4} \right) \right)$$

$$\frac{4}{15}$$

$$10) \frac{5}{6} \times \left(\frac{1}{3} + \left(\frac{1}{5} \times \frac{4}{7} \right) \right)$$

$$\frac{47}{126}$$