

6th Grade Math Prep

Name _____

Fractions

Add, subtract, multiply, or divide the following. Be sure your answer is in simplest form. *Show ALL of your work!!*

Get common denominators to add or subtract.

$$1. \frac{3}{4} + \frac{1}{6}$$

$$2. \frac{9}{10} + \frac{4}{5}$$

$$3. \frac{2}{5} + \frac{1}{4}$$

$$4. \frac{1}{12} + \frac{3}{8}$$

$$5. \begin{array}{r} \frac{2}{3} \\ - \frac{2}{9} \\ \hline \end{array}$$

$$6. \begin{array}{r} \frac{7}{8} \\ - \frac{3}{4} \\ \hline \end{array}$$

$$7. \begin{array}{r} \frac{1}{6} \\ - \frac{1}{15} \\ \hline \end{array}$$

$$8. \begin{array}{r} \frac{5}{7} \\ - \frac{1}{2} \\ \hline \end{array}$$

Multiply and reduce your answer if possible:

$$9. \frac{7}{10} \times \frac{5}{21}$$

$$10. \frac{5}{9} \times \frac{21}{20}$$

$$11. \frac{8}{9} \times \frac{9}{10}$$

$$12. \frac{8}{11} \times \frac{22}{24}$$

Change to improper fractions and divide.

$$13. 2\frac{2}{3} \div 6\frac{1}{2}$$

$$14. 9\frac{3}{7} \div 4\frac{1}{2}$$

$$15. 5\frac{1}{10} \div 4\frac{1}{2}$$

$$16. 3\frac{3}{4} \div 1\frac{1}{4}$$