

## Assignment #16

Date \_\_\_\_\_ Period \_\_\_\_\_

**Evaluate each expression.**

1)  $3 - (-4)$

2)  $(-4) - (-8)$

3)  $4 + (-5)$

4)  $(-7) + 3$

5)  $(-1) + (-6)$

6)  $(-4) + 8$

7)  $1 - 7$

8)  $(-2) + 4$

9)  $(-3) - 5$

10)  $5 - 7$

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Reducing Fractions

1)  $\frac{27}{30} =$  \_\_\_\_\_

11)  $\frac{9}{30} =$  \_\_\_\_\_

2)  $\frac{63}{77} =$  \_\_\_\_\_

12)  $\frac{8}{16} =$  \_\_\_\_\_

3)  $\frac{10}{30} =$  \_\_\_\_\_

4)  $\frac{15}{20} =$  \_\_\_\_\_

5)  $\frac{35}{49} =$  \_\_\_\_\_

6)  $\frac{54}{81} =$  \_\_\_\_\_

7)  $\frac{21}{27} =$  \_\_\_\_\_

8)  $\frac{6}{18} =$  \_\_\_\_\_

9)  $\frac{4}{22} =$  \_\_\_\_\_

10)  $\frac{77}{84} =$  \_\_\_\_\_

**Apply** Solve each equation.

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

\_\_\_\_\_

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

\_\_\_\_\_

3.  $4\frac{5}{6} \div 5\frac{2}{3}$

\_\_\_\_\_

4.  $\frac{7}{8} \cdot 4\frac{2}{3}$

\_\_\_\_\_

5.  $9\frac{1}{4} \div \frac{1}{8}$

\_\_\_\_\_

6.  $1\frac{2}{3} \cdot 5\frac{1}{2}$

\_\_\_\_\_

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

\_\_\_\_\_

8.  $4\frac{2}{5} \cdot 10$

\_\_\_\_\_

9.  $4 \div \frac{2}{9}$

\_\_\_\_\_

10.  $\frac{1}{5} \cdot 5$

\_\_\_\_\_

11.  $\frac{9}{10} \div \frac{3}{4}$

\_\_\_\_\_

12.  $\frac{5}{3} \cdot \frac{2}{5}$

\_\_\_\_\_

**Directions:** Add or subtract each mixed number. Convert answers to mixed numbers and simplify, if necessary.

1.  $5\frac{8}{9} - 2\frac{1}{9}$

2.  $3\frac{5}{6} + 2\frac{1}{6}$

3.  $8\frac{9}{10} - 3\frac{3}{10}$

4.  $8\frac{2}{3} - 5\frac{1}{6}$

5.  $9\frac{4}{5} + 6\frac{3}{10}$

6.  $11\frac{3}{4} - 5\frac{11}{12}$