

Fraction Worksheet 3, Arithmetic

Simplify the following. Reduce fractions to lowest terms and rewrite improper fractions as mixed numbers.

1.
$$\begin{array}{r} 5\frac{3}{8} \\ - 2\frac{13}{16} \\ \hline \end{array}$$

2. $54\frac{1}{6} - 43\frac{5}{12} =$

3. $\frac{4}{5} \left(2\frac{5}{6} - \frac{1}{3} \right) =$

4. $\frac{1}{5} + \frac{1}{3} \bullet \frac{1}{4} =$

5. $\frac{6}{7} \left(6 - 2\frac{1}{2} \right) =$

6. $\frac{2}{3} \left(5 - \frac{1}{2} \right) \div 4 =$

7. $\left(\frac{3}{8} - \frac{1}{16} \right) \div \left(1\frac{1}{15} - \frac{2}{5} \right) =$

8. $2\frac{1}{8} + \frac{2}{5} \left(1\frac{3}{7} - \frac{15}{14} \right) =$

9. $\frac{1}{3} - \frac{1}{2} \left(\frac{3}{4} - \frac{2}{3} \right) =$

10. $29\frac{2}{9} + 27\frac{5}{18} + 54\frac{2}{3} =$

ANSWERS: 1. $2\frac{9}{16}$ 2. $10\frac{3}{4}$ 3. 2 4. $\frac{17}{60}$ 5. 3 6. $\frac{3}{4}$ 7. $\frac{15}{32}$ 8. $2\frac{15}{36}$ 9. $\frac{7}{24}$ 10. $111\frac{1}{6}$