

Four Operations on Numbers and Fractions Part I

1. Simplify the following.

a. $64 - 13 \times 12 \div 3 + 10$

e. $\frac{1}{15} + \frac{1}{10} \div 5$

b. $12 + 4 \times (15 \div 15 - 1)$

f. $\frac{7}{8} \div \frac{5}{4} \times \frac{10}{14}$

c. $12 + 4 \times 15 \div 15 - 1$

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

d. $(\frac{1}{15} + \frac{1}{10}) \times 5$

h. $\frac{2}{3} + \frac{5}{6} - \frac{1}{10}$

2. Simplify the following.

a. $\frac{1}{3} \times \frac{4}{5} \div 3$

e. $\frac{3}{4} \times 1\frac{1}{6} \div \frac{2}{3}$

b. $3\frac{4}{7} \div 1\frac{3}{4} \times 2\frac{1}{3}$

f. $7\frac{2}{5} - \frac{3}{10} - 2\frac{7}{12}$

c. $5\frac{1}{6} + \frac{1}{8} - 1\frac{3}{10}$

g. $\frac{3}{4} + 1\frac{1}{6} + \frac{2}{3}$

d. $2\frac{3}{5} - \frac{1}{10} + 1\frac{1}{5}$

h. $\frac{3}{5} \times \frac{3}{20} \div \frac{9}{2}$