

Junior High Assessment

Add or Subtract.

a) $\frac{2}{7} + \frac{3}{7}$

b) $\frac{5}{8} - \frac{3}{8}$

c) $1\frac{1}{6} + 4\frac{3}{6}$

d) $\frac{1}{4} + \frac{3}{5}$

e) $\frac{7}{12} - \frac{2}{15}$

f) $3\frac{7}{8} - 1\frac{3}{10}$

Multiply or divide.

a) $\frac{2}{5} \times \frac{3}{4}$

b) $\frac{5}{9} \times \frac{3}{10}$

c) $1\frac{1}{4} \times 4\frac{3}{5}$

d) $\frac{5}{6} \div \frac{3}{5}$

e) $\frac{5}{14} \div \frac{2}{7}$

f) $3\frac{4}{9} \div \frac{2}{3}$

Add or Subtract.

$17.3 - 6.1$

$5.3 - 3.11$

$52.4 - 8.93$

Find the product.

7.1×42

9.1×8.4

5.81×2.9

Find the quotient.

$12.4 \div 4$

$10.24 \div 1.6$

$10,373 \div 0.23$

Change the decimal into a percent.

0.71

1.35

0.004

Change the percent into a fraction.

83%

174%

8%

Change the fraction into a decimal.

$\frac{7}{10}$

$\frac{8}{25}$

$\frac{16}{72}$

Evaluate.

$7 - 3 =$

$4 - -8 =$

$-6 \times 9 =$

$-7 \times -6 =$

$-9 - 8 =$

$6 \times -4 =$

$9 - 6 =$

$-2 + 7 =$

$-8 - 7 =$

$-1 + -7 =$

$-6 + 3 =$

$12 \times -8 =$

$9 - 7 =$

$3 \times -3 =$

$-9 + 2 =$

$-12 \times 10 =$

$-4 + -4 =$

$-7 \times 4 =$

$8 - 2 =$

$5 + 8 =$

$9 + 9 =$

$5 \times -12 =$

$11 - 8 =$

$-12 \times 12 =$

$0 - -3 =$

$-6 \times 10 =$

$2 - -8 =$

$9 - 10 =$

$3 + -8 =$

$-9 \times 12 =$

Solve each equation.

$x + 7 = 2$

$x - 4 = -1$

$\frac{x}{2} = 6$

$8x = -72$

$2x + 6 = 4$

$3x - 8 = -2$

$\frac{x}{-3} - 6 = -2$

$\frac{x}{6} + 5 = 10$