

SCC/Avista Line Construction School Pre-Apprentice Training Sample Test

These are some example problems that will appear on the entry level math exam.

Add

$$356 + 268$$

Multiply

$$2759 \times 600$$

Solve

A 80 foot pole is buried 10 feet in the ground. How many feet are above the ground?

Solve

Use $<$ or $>$ to complete of the following:

$$56 \quad 98$$

Solve

Identify the numerator and denominator of $\frac{3}{4}$

Multiply & Simplify

$$\frac{4}{5} \times \frac{3}{4}$$

Solve for Variable

$$\frac{3}{8} \times y = 24$$

Subtract

$$835 - 354$$

Divide

$$679 \text{ divided by } 56$$

Solve for Variable

$$45 + y = 56$$

$$\frac{36}{4} = y$$

$$24 \times y = 480$$

Solve

Write fractional into decimal form.

$$\frac{7}{8}$$

Simplify

$$\frac{16}{32}$$

Divide & Simplify

$\frac{3}{8}$ divided by $\frac{2}{3}$

Solve

If a coil of wire weights 1000 lbs, and the wire is $\frac{1}{4}$ of a lb per foot, how many feet is coil?

Add & Simplify

$\frac{3}{4} + \frac{7}{8}$

Solve

Which number is greater?

$\frac{5}{6}$ or $\frac{14}{16}$

Solve

Convert to fractional notation.

$5\frac{3}{4}$

Solve

The weight of two transformers are $530\frac{2}{3}$ lbs. and $380\frac{3}{4}$ lbs. What is their total weight?

Solve

Write decimal notation.

$\frac{65}{1000}$

Solve

Round 4.8765 to the nearest:

- a) tenth
- b) hundredth
- c) thousandth

Solve for Variable

$\frac{6}{7} = \frac{5}{y}$

Solve

If a coil of wire weights 1000 lbs, and the wire is $\frac{1}{4}$ of a lb per foot, how many feet is coil?

Subtract & Simplify

$\frac{5}{6} - \frac{1}{3}$

Solve for Variable

$y + \frac{3}{4} = \frac{15}{16}$

Solve

Convert to mixed numeral.

$\frac{9}{2}$

Solve

Write into fractional notation.

.85

Solve

Which number is larger?

.065 or .125

Solve for Variable

$$y + .017 = 4$$

Solve

What is the rate in feet per second?

12 feet, 25 seconds

Solve

What is 35% of 95?

Solve

Write exponential notation.

$$4 \times 4 \times 4$$

Solve

$$6 \text{ feet} = \text{----- inches}$$

Solve

Find the area of a square when all sides are 24 feet.

Solve

Find the average of the set of numbers.

34, 56, 73, 28

Solve

Write the square root for:

25

Solve

Find the perimeter of a rectangle with the long sides being 25 feet, and the short sides being 10 feet.

Solve for R

$$E/R = I$$