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 x 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 98

Solve
Identify the numerator and denominator of ¾

Multiply & Simplify
4/5 x ¾

Solve for Variable
3/8 x y = 24

Subtract
835 -354

Divide
679 divided by 56

Solve for Variable
45+ y = 56 36/4 = y 24x
y = 480

Solve
Write fractional into decimal form.

Simplify
16/32

 7/8

Divide & Simplify
3/8 divided by 2/3

Solve
If a coil of wire weights 1000 lbs, and the wire is ¼ of a lb per foot, how many feet is coil?

Add & Simplify
¾ + 7/8

Solve
Which number is greater? 5/6 or
14/16

Solve
Convert to fractional notation. 5¾

Solve
The weight of two transformers are 530 2/3 lbs. and 380 ¾ lbs. What is their total weight?

Solve
Write   decimal   notation.
65/1000

Solve
Round 4.8765 to the nearest:
        tenth
        hundredth
        thousandth

Solve for Variable
6/7 = 5/y

Solve
If a coil of wire weights 1000 lbs, and the wire is ¼ of a lb per foot, how many feet is coil?

Subtract & Simplify
5/6 -1/3

Solve for Variable

y + ¾ = 15/16

Solve

Convert to mixed numeral.

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.

4x4x4

Solve

6 feet = ---------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

Solve

In the picture below, which of the angles is braced more solidly?

Ⓐ
Angle A
Ⓑ
Angle B
Ⓒ
Angle C