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

Add
356 + 268
Subtract
835 - 354

Multiply
2759 x 600
Divide
679 divided by 56

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

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

Use < or > to complete the following:
56 98

Write fractional into decimal form.
7/8

Identify the numerator and denominator of ¾

Multiply & Simplify
4/5 x ¾
Divide & simplify
3/8 divided by 2/3

Solve for Variable
Solve
If a coil of wire weighs 1000 lbs, and the wire is \( \frac{1}{4} \) of a lb per foot, how many feet is the coil?

Add & Simplify

\( \frac{3}{4} + \frac{7}{8} \)

Subtract & Simplify

\( \frac{5}{6} - \frac{1}{3} \)

Solve

Which number is greater?

\( \frac{5}{6} \) or \( \frac{14}{16} \)

Solve for Variable

\( y + \frac{3}{4} = \frac{15}{16} \)

Solve

Convert to fractional notation.

\( 5 \frac{3}{4} \)

Convert to mixed numeral.

\( \frac{9}{2} \)

Solve

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

Write into fractional notation.

\( .85 \)

Solve

Write decimal notation.

\( \frac{65}{1000} \)

Which number is larger?

\( .065 \) or \( .125 \)

Solve

Round 4.8765 to the nearest:

a) tenth
b) hundredth
c) thousandth

Solve for Variable

\( y + .017 = 4 \)

Solve

\( \frac{6}{7} = \frac{5}{y} \)

What is the rate in feet per second?

12 feet, 25 seconds
Solve
What is 35% of 95?

Solve
Find the average of the set of numbers. 34, 56, 73, 28

Solve
Write exponential notation. $4 \times 4 \times 4$

Solve
Write the square root for: 25

Solve
6 feet = _________ inches

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

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

Solve for R
$E/R = 1$