

Word Problems and Equations, Part 1

You may use a calculator in all the problems of this lesson.

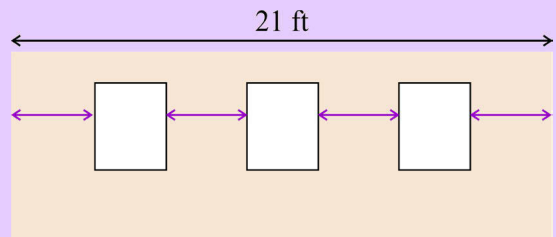
1. Solve the problem below in two ways: write an equation, and use logical reasoning. Then compare the steps of each way.

a. Mr. Sanchez spent \$80.30 to treat eleven people in his bicycling club to a cup of coffee and an ice cream cone each. Each coffee cost \$3.50. How much did one ice cream cone cost?

Equation:

Arithmetic and logical thinking:

b. You want to hang three framed pictures on a wall that is 21 feet long, in an equidistance manner (see the illustration). Each picture is 24 inches wide. How long will the spaces between the pictures need to be?



Equation:

Arithmetic and logical thinking: