

A school currently has 1200 students enrolled, and the number has been growing by 50 every year. After how many years will the number of students exceed 2020?

Sugar contains 15 calories per teaspoon. How many calories are in 2 cups of sugar?

Room A is to have "wall to wall" carpet installed. The cost of carpet is \$14 a square yard. Room B is to have 'one-foot' square tiles glued to the floor. The cost of each tile is \$1.60. What is the cost of the carpet and tiles needed for this job?

Ace Toyota receives a new shipment of Corollas and puts a sticker price \$23,485 in the window of each car. Ace arrived at this figure by marking up their cost for each car by 22%. What was the original cost that Ace paid for the cars?

The number of people participating in an annual "flash mob dance" has been growing exponentially. In 2012, the first year it was done, 200 people participated. In 2014, 800 people participated. If it continues to grow at this rate, how many people will participate in the flash mob dance this year (in 2020)?

A jacket is marked down from its original list price by 35% to a sale price of \$78. What was the original list price of the jacket?

A chain weighs 10 pounds per foot. How many ounces will 3 inches weigh?

A wholesaler buys an item for \$80. He marks this price up 65% to determine its list price. If the item is purchased at the list price plus a 7% sales tax, what is the total cost of the item