

1. The length of a certain rectangle is twice the width. If the area of the rectangle is 128, what is the length of the rectangle?

2. For positive integer x , 10 percent of x present of 1000 is equal to which of the following?

3. Nails are sold in 8-ounce and 20-ounce boxes. If 50 boxes of nails were sold and the total weight of the nails sold was less than 600 ounces, what is the greatest possible number of 20-ounce boxes that could have been sold?

4. If one worker can pack 15 boxes every two minutes, and another can pack 15 boxes every three minutes, how many minutes will it take these two workers, working together, to pack 3000 boxes?