

Piggy Pete's Car Lot Lesson



Piggy Pete owns a car lot that has 80 cars on it. All the cars are the same make and model. He has a sales force of 5 people. Over the course of the month, the sales force sells 60% of the cars on the lot. They sell the cars for \$18,500 each.

1. How many cars did they sell in that month?
2. How much money did they make that month?

Explanation:

1. They had 80 cars in total. They sold 60% of those cars. To find the number of we would need to find what 60% of 80 cars is. The quick math on that can be done by converting 60% to a decimal (0.6). We would then multiple that decimal (0.6) by the total number of car (80).

$$\text{Total number of cars sold} = 0.6 (80) = 48 \text{ cars}$$

2. We just determined that they sold 48 cars. They sold each car for \$18,500 each. So the total amount of money that they made would be equal to the total number of cars sold (48) multiplied by the amount made on each car (\$18,500).

$$48 \times \$18,500 = \$888,000 \text{ (amount of money made).}$$

