

MATH [0172] – [APPLICATIONS]

Instructions: Solve the following word problems

1. A car is sold for \$8900. The buyer of the car makes a down payment of \$1780. What percent of the selling price is the down payment?
2. In June on 1995, Southern Pacific increased production of train locomotives from 4 per month to 7 per month. What percent increase did this represent?
3. A family paid \$320 for groceries during the month of March. In April, the grocery bill went down 15.6%. Find the amount spent on food in April.
4. A new production method reduced the time needed to clean a piece of metal from 8 minutes to 5 minutes. What percent decrease do this represent?
5. After a huge markup of 70%, a certain annoying furniture salesman in Houston (who will remain nameless) sold a big screen TV for \$4800. Find the original price before the markup.
6. Suppose a car dealership took \$2000 off the price of a truck worth \$21,000. Find the discount rate.
7. An item discounted 15% now sells for \$35. Find the original price of the item.
8. An item that regularly sold for \$130 was marked up to \$150. Find the markup rate.
9. A shirt regularly selling for \$40 is discounted 20%. Find the sale price.

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1. 20%	2. 57%	3. \$270.08
4. 62.5%	5. \$1440	6. 9.5%
7. \$40.25	8. 13.3%	9. \$32
10.	11.	12.
13.	14.	15.

Answers ^^

