Percent | Word Problems

1) The electricity consumption in a start-up company was 4 kwh per day. As the manpower increased, the consumption of electricity increased to 10 kwh per day. What is the percent of increase in the consumption of electricty at the start-up?

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2) A farmer had 225 pounds of sugarcane. After selling some of the sugarcane at the market, he had 198 pounds left. Find the percent of decrease in the quantity of the sugarcane.

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3) Lizzie collected $3,840 for charity. If the money increased to $7,200, find the percent of increase in the money collected.

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4) A popcorn machine was initially purchased for $12,800. After 5 years, the price of the machine decreased to $7,040. What is the percent of decrease in the machine's value?

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5) Ginny walked 25 miles in the first week. The second week, she walked a total of 29 miles. Calculate the percent of increase in the distance covered in the second week.

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