Name _____

Date _____

Period _____

PERCENT WORD PROBLEMS

PRACTICE

1) What is the percent increase from 40 to 50?

   a) 20%   b) 25%   c) 80%   d) 125%

2) What is the percent decrease from 54 to 18?

   a) $33\frac{1}{3}\%$ b) $66\frac{2}{3}\%$ c) 200%   d) 300%

3) What is 90 decreased by 30%?

   a) 2700   b) 27   c) 63   d) 73

4) A $250 bike is on sale for $200. What is the percent of discount?

   a) 20%   b) 25%   c) 50%   d) 80%

5) Because of an increase of 6% in wholesale prices of plants, a florist had to mark up new stock by the same percent. What was the new price of a jade plant that had sold for $15.50?

6) Sally Sellers earns a 5% commission on her sales of merchandise at Taylor Department Store. One week her sales totaled $9650. What was her commission for the week?

7) Salazar Appliance Store had sales of $27000 last month. The store's profits were $4050. What was the percent of profit?

8) Last year, 75% of the students attended the school play. If 285 students attended the school play, how many student were in the school? Which proportion would solve this problem?

a) $\dfrac{75}{285} = \dfrac{n}{100}$ b) $\dfrac{210}{b} = \dfrac{75}{100}$ c) $\dfrac{285}{b} = \dfrac{75}{100}$ d) $\dfrac{285}{360} = \dfrac{n}{100}$

9) The Lions have won 12 of the 15 games they have played this season. What percent of this season's games have the Lions lost?