Word Problems

1) Sam is trying to save enough money to buy a new pair of sneakers that cost $164. He has some money in his piggy bank but this week he put in $13 but he still did not have enough. Represent the scenario with an inequality.

$$13 + n < 164$$
$$-13 \qquad\qquad -13$$
$$n < 151$$

Test Tuesday on Unit 6

Homework: Finish your worksheet

8b   Company A   Company B

$$200^{-25} \qquad = \qquad 25^{-25} + 0.35k$$

Solve for k

$$\frac{175}{0.35} = \frac{0.35k}{0.35}$$

$$500 = k$$