

Solving Word Problems through Translation

Directions: Solve the following word problems with your fellow group members. Try to underline key words in each problem that indicate which mathematical operation is needed to solve the problem.

1. Mary collects pet rocks. She was given 23 for her 9th birthday, and then she bought 6 more with her own money. How many pet rocks does she own in all?
2. The town's population of 10,000 tripled during the last decade. What is the present population?
3. Ben types forty words per minute. How many words could he type in a forty minute keyboarding class period?
4. Ivan sold 10 out of the 25 raffle tickets that were given to him. How many remaining raffle tickets does he need to sell?
5. If the students are only allowed to play in a quarter of the 100 square-foot playground, how much space will they have to play? How much space is off limits?
6. If Theo is allowed twenty minutes of video game time a day. How much time is he allowed for the week?
7. The Pavilion Movie Theater usually charges 8 dollars for admission. If the theater increases the admission price for 3-D movies by three dollars, how much will it cost to go see Avatar in 3-D?
8. The class of thirty students was divided into groups of three students each. How many groups were formed?
9. The snowiest March on record was in 2003, when 35.2 inches fell on the city of Denver. The following March, Denver got only 1.8 inches of snow, the second driest on record. What was the difference between those two months' of snow accumulation?
10. If half of Bernie's \$7 allowance goes to buying comic books, then how much does he have to save for a rainy day?