

Simple Algebra Word Problems - Answers

Name _____

AWP4-3

Write an equation for each situation.

1. Glenn's soccer team won the game scoring 12 points to 8. His team scored x more points than the competing team. $\underline{12 - 8 = x}$
2. Danya had a case of 12 bottles of fingernail polish. She had 6 different shades of pink, 3 shades of purple and n shades of green. $\underline{12 - (6 + 3) = n}$
3. Larry ran a dog kennel with 20 dogs. He had 6 beagles, 7 collies, 4 pekinese and d poodles. $\underline{20 - (6 + 7 + 4) = d}$
4. The total earned from the lemonade stand was \$60. The charge per cup was \$2.00. There were n cups of lemonade sold. $\underline{60 \div 2 = n}$
5. Darien counted 20 other boys in his cub scout den. The camping trip requires a den leader for each group of seven boys. The trip required x number of leaders. $\underline{21 \div 7 = x}$
6. Monica saved \$15 for a new book. She paid d amount of money for the book and received \$1.98 in change. $\underline{\$15 - \$1.98 = d}$