

Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) The sum of three consecutive numbers is 111. $x + x + 1 + x + 2 = 111$
What is the smallest of the three numbers? $x = 36$
- 2) The sum of three consecutive odd numbers is 105. $x + x + 2 + x + 4 = 105$
What is the smallest of the three numbers? $x = 33$
- 3) The sum of three consecutive even numbers is 66. $x + x + 2 + x + 4 = 66$
What is the smallest of the three numbers? $x = 20$
- 4) Oceanside Bike Rental Shop charges 11 dollars plus 8 dollars an hour for renting a bike. Jessica paid 83 dollars to rent a bike. How many hours did she pay to have the bike checked out? $8x + 11 = 83$
 $x = 9$ hrs
- 5) Tom had 194 dollars to spend on 6 books. After buying them he had 14 dollars. How much did each book cost? $194 = 6x + 14$
 $x = \$30$
- 6) Dan bought a soft drink for 2 dollars and 8 candy bars. He spent a total of 42 dollars. How much did each candy bar cost? $2 + 8x = 42$
 $x = \$5$
- 7) On Monday, 241 students went on a trip to the zoo. All 5 buses were filled and 6 students had to travel in cars. How many students were in each bus? $241 = 5x + 6$
 $x = 47$ students
- 8) Fred spent half of his allowance going to the movies. He washed the family car and earned 8 dollars. What is his weekly allowance if he ended with 16 dollars? $\frac{1}{2}x + 8 = 16$
 $x = \$16$
- 9) Tim bought 5 new baseball trading cards to add to his collection. The next day his dog ate half of his collection. There are now only 25 cards left. How many cards did Tim start with? $\frac{1}{2}(5+x) = 16$
 $x = 27$ cards
- 0) Mike sold half of his comic books and then bought 8 more. He now has 14. How many did he begin with? $\frac{1}{2}x + 8 = 14$
 $x = 12$ books

