



Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

### Power Point Practice

- 1) Eric opens a savings account with \$50. Each week after that he deposits \$8. In how many weeks will he have saved \$450?

Let  $x =$

Equation =

Solve =

- 2) Brian bought two shirts for \$38. He paid \$4 more for one than for the other. How much did he pay for each shirt?

Let  $x =$

Other shirt =

Equation =

Solve =

- 3) One number is 8 more than another number. Their sum is -12. Find the numbers.

Let  $x =$

Let \_\_\_\_\_ =

Equation =

Solve =

- 4) Mickey is 14 years old. This is 4 years less than twice his sister's age. How old is his sister?

Let  $x =$

Let \_\_\_\_\_ =

Equation =

Solve =

- 5) Stanley Staples earns a flat salary of \$160 for selling Easy Buttons. He receives an extra \$2 for each Easy Button he sells. How many Easy Buttons must he sell in one week to earn a total of \$230?

Let  $x =$

Equation =

Solve =

- 6) I go to the store and spend \$165 on earrings and necklaces. The necklaces cost 4 less than 5 times as much as the earrings. How much did I spend on each?

Let  $x =$

Let \_\_\_\_\_ =

Equation =

Solve =

- 7) Peter likes to practice throwing free throws. He would like to practice by throwing an average of 50 free throws each day of the week. On Sunday he was very busy and only threw 26, on Monday he threw 57, on Tuesday he threw 44, on Wednesday he threw 60, on Thursday 46 throws and on Friday 62. How many does he have to throw on Saturday to keep his goal of an average of 50 a day?

Let  $x =$

Equation =

Solve =

- 8) Find the sides of an equilateral triangle that has a perimeter equal to a square's area of  $36 \text{ ft}^2$ .

Let  $x =$

Equation =

Solve =

- 9) You start a bowl selling business. You spend \$7000 for clay. Each bowl costs you \$.90 to make and you sell them for \$1.50. You want to make a profit of \$5500. How many bowls do you have to sell?

Let  $x =$

Equation =

Solve =

- 10) Find three consecutive integers who sum is 75.

Let  $x =$

Equation =

Solve =

- 11) You have 28 apples. There are 250 apple seeds that you have removed from the apples. If the seeds are evenly spread between all the apples, how many seeds are in each apple?

Let  $x =$

Equation =

Solve =

- 12) You own posters of Zac Efron. Today you buy two times more posters than you already own. Now you have 15 posters. How many did you buy?

Let  $x =$

Equation =

Solve =

- 13) There is a balanced scale in front of you. On one side there are 215 nickels. On the other side there are 5 groups of nickels with cups over them. How many nickels are under each cup? (The cups do not weigh anything and it may help to draw the scale!)

Let  $x =$

Equation =

Solve =

