Keystone Algebra 1   Name_____

Solving and Writing Linear Equations Practice

Date_____ Period____

Solve each equation.

1) $n + 2 = 6$

2) $b - 14 = -13$

3) $11 = \dfrac{n}{9}$

4) $-96 = -6x$

Create a 1 step equation that can be used to solve the problem. Circle your equation, then solve it. No credit will be given for answers without an equation.

5) After paying $4 for a pizza, Anjali has $32. With how much money did she start?

6) Mark ran 7 miles more than Cody last week. Mark ran 20 miles. How many miles did Cody run?

7) Heather ran 24 miles more than Natalie last week. Heather ran 41 miles. How many miles did Natalie run?

8) In six years Daniel will be 57 years old. How old is he now?

Solve each equation.

9) $2m + 9 = 7$

10) $-14 = -10 + \dfrac{v}{4}$

11) $\dfrac{n}{5} - 10 = -8$

12) $-160 = -8r - 8$

Create a 2 step equation that can be used to solve the problem. Circle your equation, then solve it. No credit will be given for answers without an equation.

13) A wise man once said, "300 reduced by twice my age is 112." What is his age?

14) Mark spent half of his weekly allowance playing mini-golf. To earn more money his parents let him mow the lawn for $10. What is his weekly allowance if he ended with $18?

15) Castel had some paper with which to make note cards. On his way to his room he found four more pieces to use. In his room he cut each piece of paper in half. When he was done he had 22 half-pieces of paper. With how many sheets of paper did he start?

16) Kali won 59 lollipops playing basketball at her school's game night. Later, she gave four to each of her friends. She only has 7 remaining. How many friends does she have?

Name_____

ID: 1

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   {4}

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   {1}

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   {99}

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