Name_____ Date _____

Homework for Day 1 and 2: Intro to Equations

Day 1 complete #s 1, 2, 5, 7, 11, and 12

Day 2 complete #s 3, 4, 6, 8, 9, 10, 13, and 14.

Write the word sentence as an equation.

   1. 4 is the quotient of 16 and a number n.

Equation:_____

   2. The sum of a number k and 5 is 11.

Equation:_____

   3. The difference of a number x and 2 is 7.

Equation:_____

   4. 7 times a number a is 42.

Equation:_____

   5. 6 is one-third of a number s.

Equation:_____

   6. A number t added to 13 equals 17.

Equation:_____

   7. 5 less than a number b is 16.

Equation:_____

   8. 30 is 6 multiplied by a number y.

Equation:_____

   9. A number z divided by 7 equals 4.

Equation:_____

   10. 5 more than a number m equals 8.

Equation:_____

   11. Describe the error in writing the sentence as an equation.

	24 is 8 multiplied by a number x.
✕	$24x = 8$

_____

_____

_____

   12. A crew is picking up chairs in the gymnasium after an event. After clearing 217 chairs from the gym floor, 36 chairs still remain. Write an equation you can use to find the number of chairs placed on the gym floor for the event.

Answer: _____

   13. You and three of your cousins shuck six dozen ears of corn for a picnic. Write an equation you can use to find the number of ears n for each person if each of you shucks the same number of ears.

Answer: _____

   14. You earn 4070 points in level 1 of a video game and 2710 points in level 2. After level 3, your point total is 8180. Write an equation you can use to find the number of points p you scored in level 3.

Answer: _____