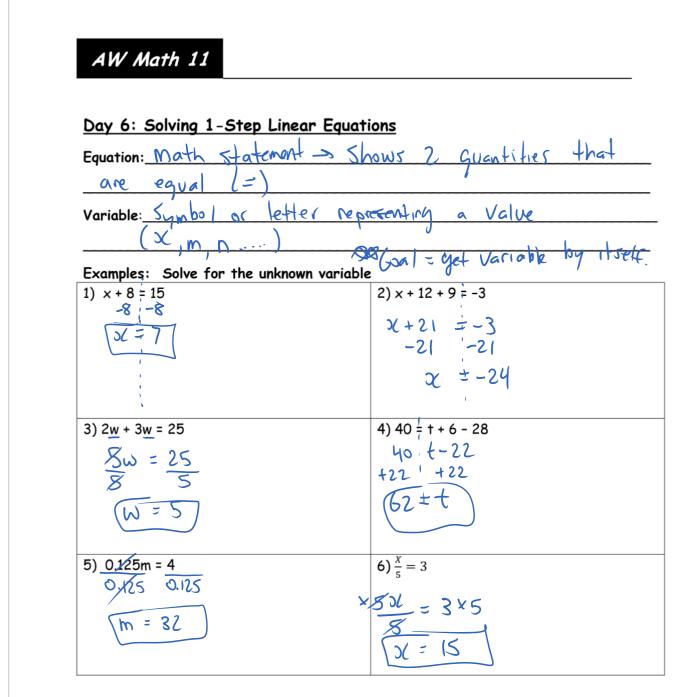
Day 6: Solving Linear Equations part 1

Tuesday, November 26, 2013 12:22 PM



7) Lisa is cooking muffins. The recipe calls for 7 cups of sugar. She has already put in 2 cups. How many more cups does she need to put in? Write an equation, then solve for the variable.

29

2 + x = 7 -2 -2 31 - 32 32 - 3232 - 32

AW Math 11

Day 6: Solving 1-Step Linear Equations Assignment

Solve the equations that follow:

1. 6p = 18 7. 23 - x =	13
------------------------	----

2.
$$0.2 \ k = 11$$
 8. $\frac{n}{2} = 2.3$

3.
$$0.6667h = 12$$
 9. $\frac{a}{7} = 31$

4. 54 = 2b 10. 10y + 8y = 15

5. 53f =530 11. 12s - 4s = 25

30

AW Math 11

- 12. Last week Julia ran 30 miles more than Sarah. Julia ran 47 miles. How many miles did Sarah run?
- 13. Your building a deck that is 48 feet wide. Your boards are 8 feet long. How many boards do you need to span the width of the deck?

14. Renovating your living room, you decide to re-do some of your drywall (gypsum). You wall is 24 feet long, but you decide to leave 6 feet of the old drywall. What is the width of new drywall that you need to buy?

15. A square house has a perimeter of 240 feet. You are wiring in an exterior light and need a wire the length of one of the side of the house. How long of a wire do you need?

31