## AW Math 11

## Day 6: Solving 1-Step Linear Equations

Equation: Math Statement $\rightarrow$ Shows 2 quantities that
are equal $[\Rightarrow)$
variable: Symbol or letter representing a Valve
Examples: Solve for the unknown variable $\qquad$

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.


Assign: pg 31-32

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## Day 6: Solving 1-Step Linear Equations Assignment

Solve the equations that follow:

1. $6 p=18$
2. $23-x=13$
3. $0.2 k=11$
4. $\frac{n}{2}=2.3$
5. $0.6667 \mathrm{~h}=12$
6. $\frac{a}{7}=31$
7. $54=2 b$
8. $10 y+8 y=15$
9. $53 f=530$
10. $12 s-4 s=25$

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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?
