**2 Step Equations Name:**

\*Make sure you show your work on both sides of the equation!

\* Don’t forget to check to make sure your answer makes sense!

1. 5x – 6 = 34 2. 6d + 9 = 69

3. $\frac{x}{2}$ – 10 = 25 4. $\frac{m}{4}$ + 7 = 7

5. 9y + 4 = 58 6. 13p + 8 = 34

7. $\frac{k}{9}$ – 6 = 14 8. $\frac{m}{3}$ + 14 = 23

9. 6h + 12 = 48 10. 9a – 16 = 20

Write the verbal sentence as an equation. Then solve the equation.

11. Twice a number, g, added to 7 is 8.

12. 9 subtracted from 3 times a number, m, is 27.

13. You are sightseeing in Chicago and have $20 to spend on souvenirs. You buy a baseball cap for $8. You want to buy a keychain to bring home to your friends. How many keychains can you buy if each one costs $1.50?

14. You jog at a speed of 6 miles per hour for 20 minutes, and you walk at a speed of 4 miles per hour for t minutes. If your combined jogging and walking distance is 3 miles, for how long did you walk?

15. The length of a basketball court is 84 feet and the perimeter is 268 feet. What is the width of the basketball court?