Name: _____

Solving Multi-Step Equations

A) Solve the equation. Check your solution.

1) $\dfrac{n}{3} - 3 = 9$

2) $\dfrac{h}{6} + 8 = 11$

3) $\dfrac{x}{9} - 4 = 5$

4) $\dfrac{z}{5} - 3 = 4$

5) $2x - 9 = 17$

6) $2x + 1 = 15$

7) $4p + 7 = 43$

8) $6y + 20 = 44$

9) $-5b + 7 = -23$

10) $20 - 6w = 62$

11) $7x + 14 = -35$

12) $-5a - 4 = -29$

You earn money by walking dogs in your neighborhood. Each neighbor pays you $5 per walk and you spend $4 per week on dog treats.

13) If your goal is to earn $51 a week, how many walks do you need to do at $5 each? Use the equation $5w - 4 = 51$ to find your answer.