

Name: _____
Ms. Napolitano

Date: _____
Activity: 6.2

Topic: Equations

Homework (Day 1)

Directions: Show all of your work on a separate sheet of paper.

Tell whether the given value is a solution of the equation.

1. $x + 16 = 20$; $x = 4$

2. $p - 4 = 28$; $p = 32$

3. $4w = 44$; $w = 10$

4. $\frac{y}{6} = 6$; $y = 24$

Solve the equation. Check your solution.

5. $x - 5 = 9$

6. $y - 12 = 0$

7. $q + 8 = 25$

8. $f - 22 = 14$

9. $8 + s = 10$

10. $r - 3.2 = 1.7$

11. $8.9 = v + 7.3$

12. $\frac{1}{3} + n = \frac{2}{3}$

13. $\frac{2}{3} = \frac{1}{4} + g$

Describe and correct the error in solving the equation.

14.

\times	$13 + m = 56$
	$\quad \underline{+ 13} \qquad \underline{+ 13}$
	$m = 69$

15.

\times	$27 = n - 15$
	$\quad \underline{- 15} \qquad \underline{+ 15}$
	$12 = n$