Practice: U1A L2 P Solving Two-Step Equations	Name: _____ HR: _____

Directions: Solve the following equations, showing work EXACTLY as shown in class. AND give the justification for each step using the abbreviations discussed or writing them out.

Quick Review (One-Step Equations)

R1. $x - 5 = 12$ Property(s) Used: x = ____	**R2.** $4x = 28$ Property(s) Used: x = ____	**R3.** $\frac{x}{3} = 6$. Property(s) Used: x = ____

Two-Step Equations

1. $2x + 5 = 13$ Property Used: x = ____	**2.** $3x - 4 = 11$ Property Used: x = ____	**3.** $\frac{x}{2} + 6 = 10$ Property Used: x = ____
4. $-3x + 7 = 1$ Property Used: x = ____	**5.** $5 - x = -2$ Property Used: x = ____	**6.** $\frac{x}{4} - 3 = 2$ Property Used: x = ____
7. $\frac{2}{3}x + 1 = 5$ Property Used: x = ____	**8.** $-2x - 5 = 3$ Property Used: x = ____	**9.** $\frac{x}{5} + 4 = 1$ Property Used: x = ____
10. $4x - 9 = 7$ Property Used: x = ____	**11.** $\frac{3}{4}x - 2 = 7$. Property Used: x = ____	**12.** $-\frac{x}{2} + 6 = 9$ Property Used: x = ____

Practice: U1A L2 P Solving Two-Step Equations (back)	Name: _____ HR: _____

Solve the following problems as directed. Show your equation and all work.

13. Solve: $-3x + 8 = -4$ Property(s) Used:

Answer: ____

14. Solve: $\frac{x}{6} + 5 = 2$ Property(s) Used:

Answer: ____

15. Solve: $-15 = \frac{-2}{3}x - 3$ Property(s) Used:

Answer: ____

16. Solve: $\frac{9}{5} = 4x - \frac{1}{5}$ Property(s) Used:

Answer: ____

17. Use $F = \frac{9}{5}C + 32$ to find C when F = 68 degrees.

C = ____

18. A phone plan costs $20 per month plus $0.10 per text. If Aisha's bill was $32, write and solve an equation to find the number of texts, t, she sent.

t = ____ texts

19. A rectangle's perimeter is found using P = 2l + 2w. If P = 46 cm and w = 9 cm, find the length l.

l = ____ cm

20. Twice a number, decreased by 9, is 15. Write and solve an equation to find the number, n.

n = ____