Unit **18** Review of Linear Equations – Form **A**

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Date: _____

Test (circle):   **Pre-Test**   **Post-Test**   **Retention Test**

Unit **18** Review of Linear Equations – Form **A**

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

1) Solve for y

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x:

$$4x + 8x = 9$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for *y*:

$6 + (-7y) = -1 + 2y$

6) Solve for *x*:

$-3.2x + 4.1 = 12.8 + 6.4x$

Show your work here	For each step, explain why

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x:
$$\frac{4x+12}{3} = -9x$$

10) Solve for x:
$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$