

## Unit 2 HW 18

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Match the following expressions to the answers on your right. YOU MUST SHOW WORK FOR CREDIT.

1.  $4(-3)^2 - 2(-3) + 4$  Answer: \_\_\_\_\_

2.  $3(6)^2 + 5(6) + 4$  Answer: \_\_\_\_\_

3.  $-2(4)^2 - 3(4) + 6$  Answer: \_\_\_\_\_

4.  $-5(-2)^2 + 2(-2) - 2$  Answer: \_\_\_\_\_

5.  $7(-5)^2 + 4(-5) - 1$  Answer: \_\_\_\_\_

### Answer choices

- a. -38
- b. 154
- c. 46
- d. -26
- e. 142

Solve. Be sure to show your work.

6.  $-3(2x - 5) + 4x = 8(2 - x) + 17$

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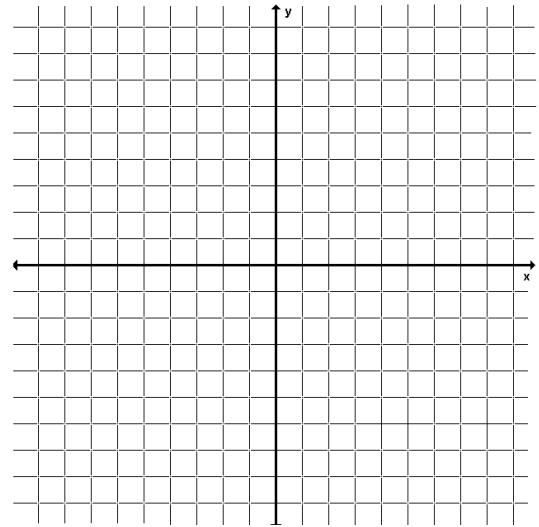
Date \_\_\_\_\_

Period \_\_\_\_\_

Graph the following lines using a table.

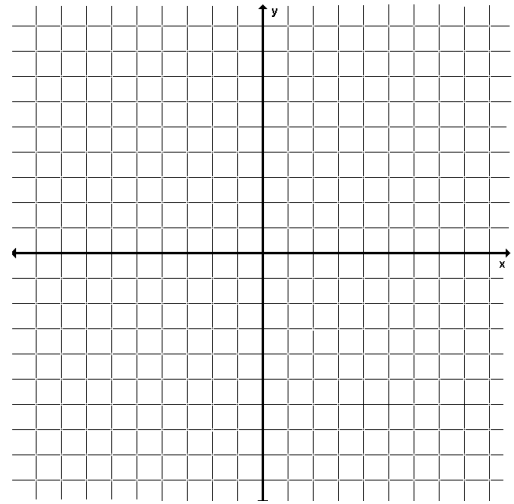
7.  $y = 3x - 5$

x	y



8.  $2x + 4y = 12$

x	y



Solve the system of equations using any method.

9.  $-2x + 3y = 10$   
 $y = 4x - 10$

10.  $3x + y = 2$   
 $-6x - 3y = -6$