

# Coordinate Algebra Big 20 Welcome Back 2018

Circle your final answer.

**Wednesday (8/8/18)**

1. Solve for x:

$$8x + 7 = 31$$

2. Solve for x:

$$10 - 6x = -104$$

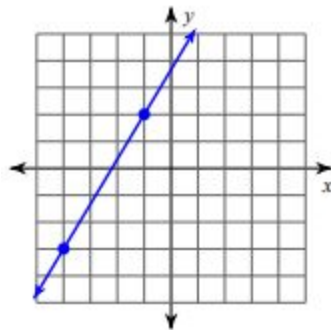
3. How many seconds are in 4 hours?

4. What is the slope of the line below?

**Reminder:**

Slope refers to the steepness of a line.  
You can find slope using either of the methods below:

$$\frac{\text{rise}}{\text{run}} \text{ Or } \frac{y_2 - y_1}{x_2 - x_1}$$



5. Sign Up for Remind to get Question #5. Refer to back of this paper.

**Thursday (8/9/18)**

6. Solve for x:

$$144 = -12(x + 5)$$

7. How many feet are in 5 miles?

8. What type of line is represented by the equation below?

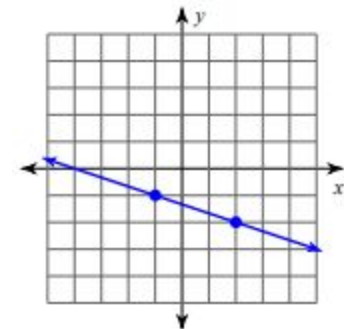
$$x = 9$$

9. What is the slope of the line below?

**Reminder:**

Slope refers to the steepness of a line.  
You can find slope using either of the methods below:

$$\frac{\text{rise}}{\text{run}} \text{ Or } \frac{y_2 - y_1}{x_2 - x_1}$$



10. Sign Up for Remind to get Question #10. Refer to back of this paper.

