**Lesson 3.2de Homework Practice**

***Write Linear Equations using Algebra***

**PART 1:**Write the equation of each line below in slope-intercept form**. *Show all work***

**PART 2:** Write a real-life situation to match the equation

**1.** passes through (–3, 5), slope = 1/3 **2.** passes through (6, –6), slope = 5

**3.** passes through (–3, –5), slope = 2 **4.** passes through (-5, 6), slope = 3

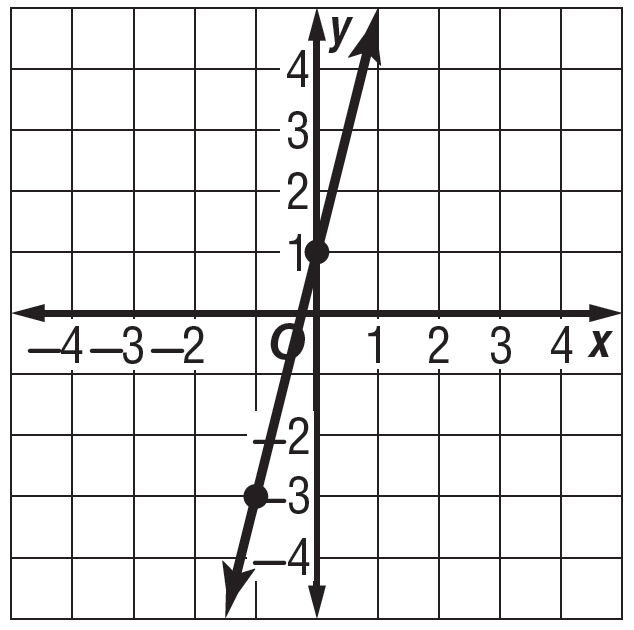
**5.** passes through (0, 1) and (2, 5) **6.** passes through (–5, 9) and (1, 3)

**7. TEMPERATURE** The table shows the temperature at certain hours. Assuming the temperature change is linear, write an equation in point-slope form to represent the temperature *y* at *x* hour.

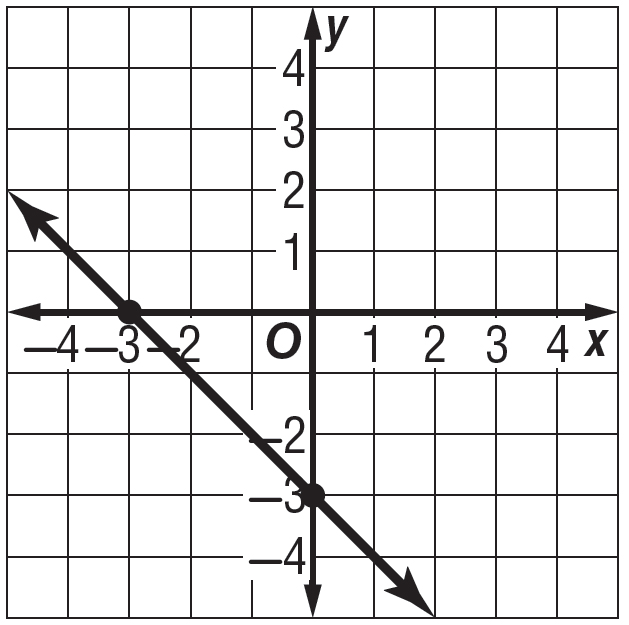
|  |  |
| --- | --- |
| **Hour** | **Temperature**  **(°F)** |
| 1 | 35 |
| 2 | 39 |



**Write the equation of the graphs below in slope-intercept form.**



**8. 9. 10. Write the # in Scientific**



**Notation**

0.00000000000572

**Question 11 Question 12**

