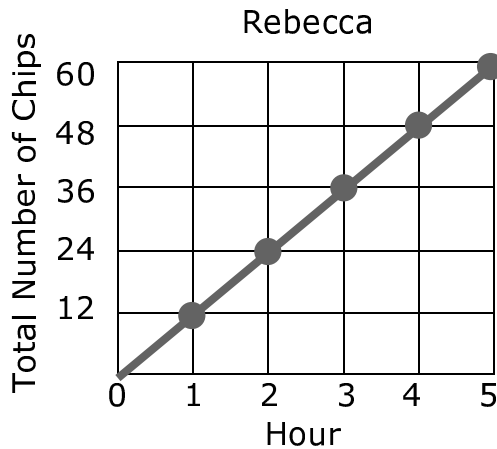


Name \_\_\_\_\_

Date \_\_\_\_\_

**Graphing Proportional Relationships - Independent Practice Worksheet**

1. The graph below represents how many chips Rebecca eats in an hour. The equation represents the rate that Leila eats chips at. Find out who eats more chips in 3 hours.

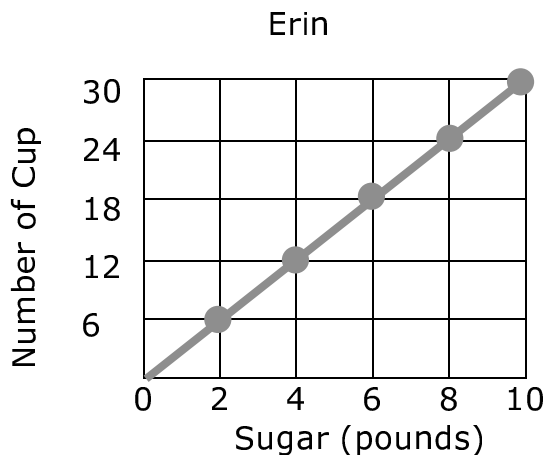


Leila

$$y = 15x$$

 $x = \text{No. of hours}$  $y = \text{Number of Chips}$ 

2. Erin and Lucia both have coffee shops. The graph below represents how many cups of tea Erin made and the amount of sugar used. The equation represents how many cups of tea Lucia made and the amount of sugar used. Who uses sugar at a faster rate?



Lucia

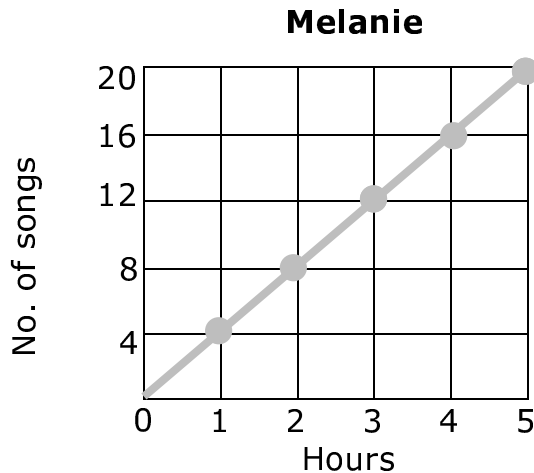
$$y = 10x$$

 $x = \text{Sugar (pounds)}$  $y \text{ is no. of cup}$ 

Name \_\_\_\_\_

Date \_\_\_\_\_

3. The graph below represents the rate at which Melanie listens to songs. The equation represents the rate at which Jesse listens to songs. Over a day, who listens to more songs?



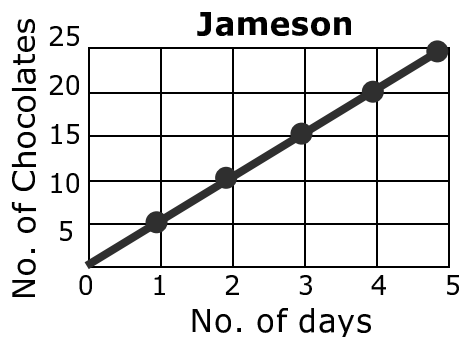
**Jesse**

$$y = 2x$$

x= Hours

y = number of songs

4. The graph displays how many chocolates Jameson eats over the course of 5 days. The equation represents the rate at which Ezra eats chocolates. Find out who eats more chocolates over 5 days.



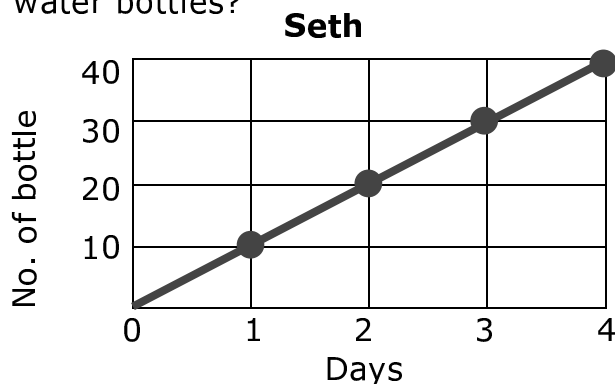
**Ezra**

$$y = 4x$$

x= No. of days

y is No. of chocolates

5. The graph below represents how many water bottles Seth sold. The equation represents the rate at which Hayden sold water bottles. Who sold more water bottles?



**Hayden**

$$y = 11x$$

x= No. of days

y is No. of bottle

