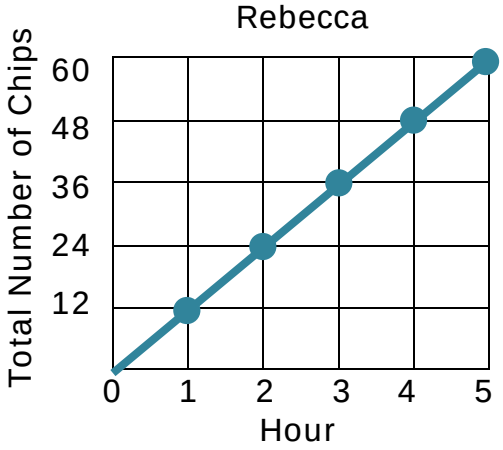
Name _____ Date _____

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.



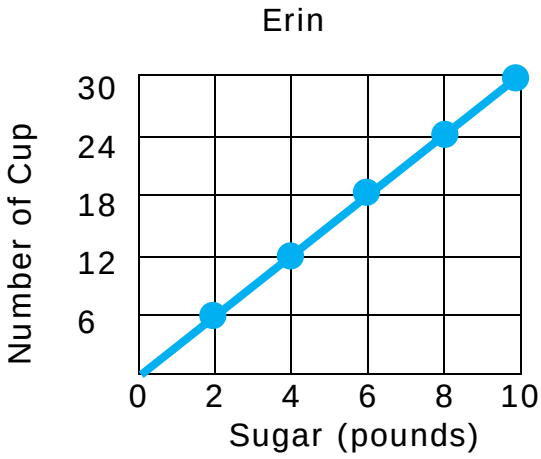
Leila

y = 15x

x = No. of hours

y = 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 = Sugar (pounds)

y is no. of cup

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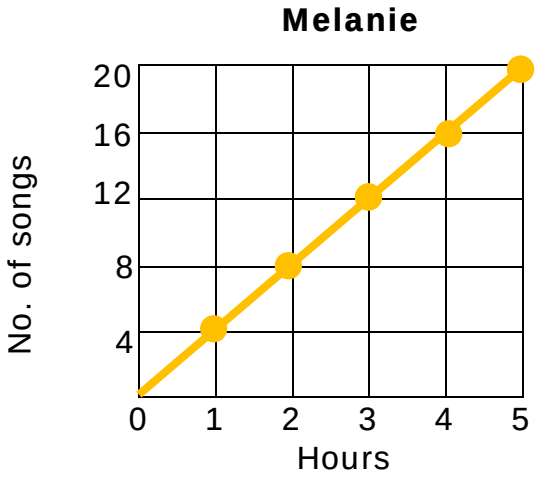
3. The graph below represents the rate at which Melanie listens to songs. The equation represents the rate at which Jesse listens to songs. Over a day, who listens to more songs?



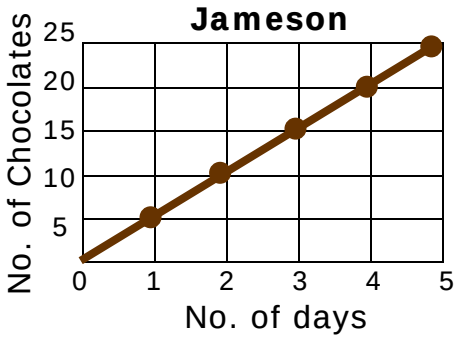
Jesse

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.



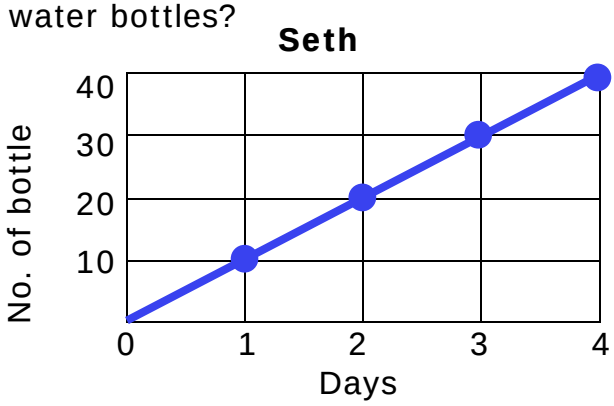
Ezra

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

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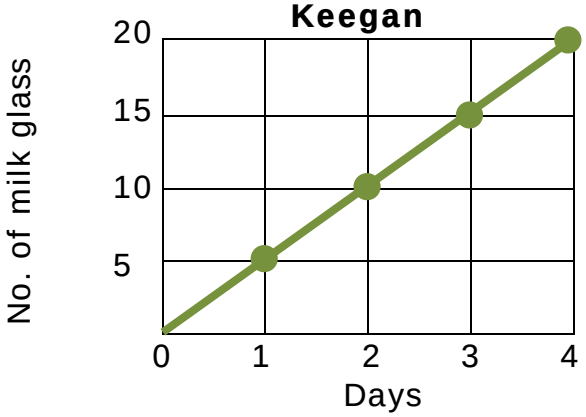
6. The graph below represents how much milk Keegan drinks. The equation represents the rate at which Joey drinks milk. Who drinks more milk?



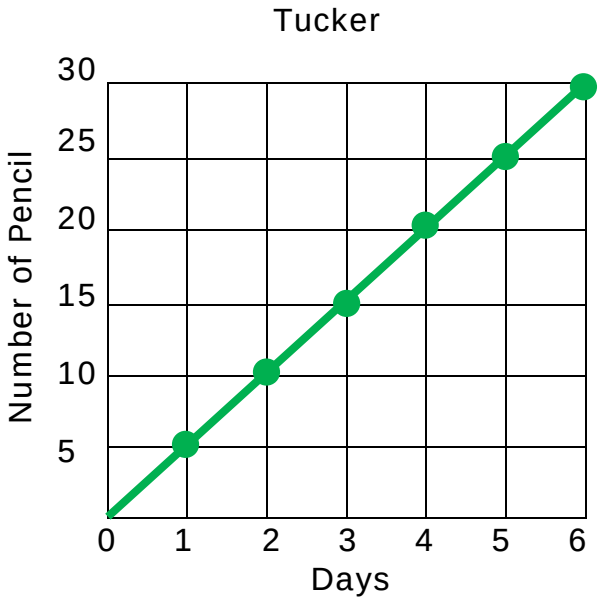
Joey

$y = 7x$

x= No. of days

y is No. of milk glass

7. The graph below represents how many pencils Tucker used. The equation represents the rate at which Dean uses pencils? Who used more pencils over 5 days?



Dean

$y = 4x$

x= No. of days

y is No. of pencil

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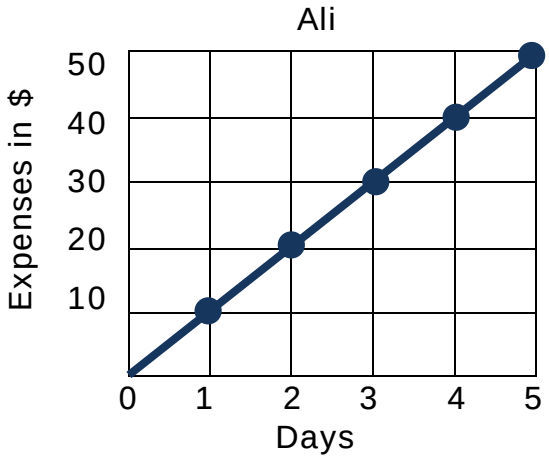
8. The graph represents Ali's expenses. The equation shows the rate of expenses for Josie. Whose expenses are higher?



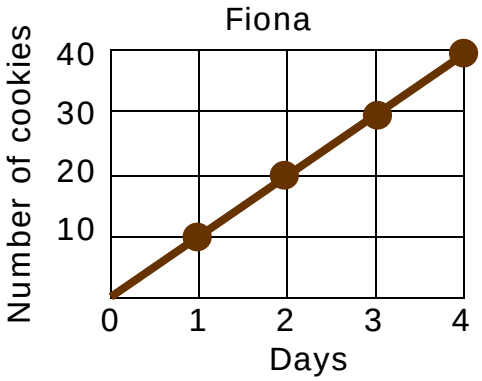
Josie

y = 17x

x= No. of days

y is expenses in $

9. The graph below represents how many cookies Fiona made in a day. The equation represents the rate at which Hazel makes cookies. Who made more cookies in 4 days?



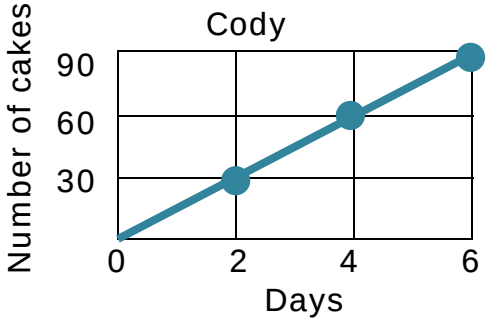
Hazel

y = 12x

x= No. of days

y is No. of cookies

10. The graph below represents how many cakes Cody made. The equation represents the rate at which Dean makes cakes. Who makes the least number of cakes in five days?



Dean

y = 14x

x= No. of days

y is no. of cakes