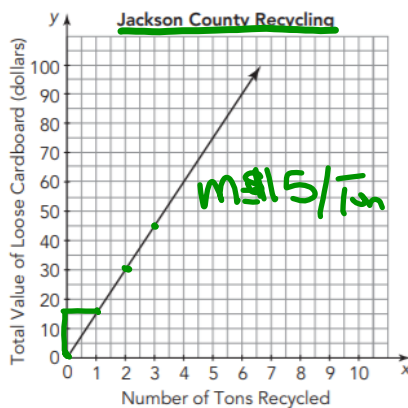


# Unit 2B-3B CR Test Review

4/1/2021

1.  $y = m x + b$  - y-intercept  
 slope



2. Washington County Recycle Center currently pays \$20 per ton of loose cardboard. Jackson County Recycling represents their pay rate for cardboard using the graph shown.

$$y = 20x + 5$$

After moving from one county to the other, Lashonda needs to recycle her moving boxes. If Lashonda wants to earn the most money possible for her cardboard, which recycling center should she choose? Explain your reasoning.

Lashonda should choose the Washington recycle center because it pays more per ton \$20 than in Jackson County which pays \$15/ton.

2. Find the vertex by completing the square and graph:

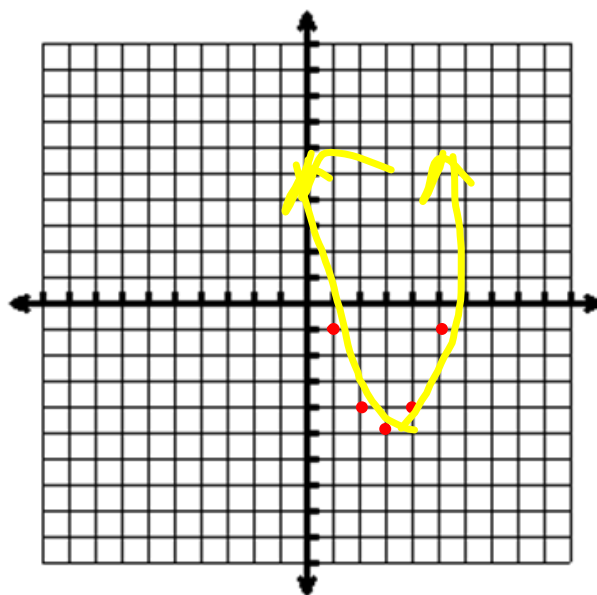
$$y = \left(x^2 - \frac{6x}{2}\right) + 4 = (-3)^2 = \overset{+/-}{\textcircled{9}}$$

$$y = \left(x^2 - \frac{6x}{2} + 9\right) + 4 - 9$$

$$y = (x - 3)^2 - 5$$

$$\text{Vertex} = (3, -5)$$

x	y
1	-1
2	-4
3	-5
4	-4
5	-1



Literacy for This Week of 3/28/2021



## Literacy Block



1. Literacy Block will be held daily during 3<sup>rd</sup> block.

2. You will read the your novel in Open eBooks **during** 3<sup>rd</sup> block.



3. You will complete discussion questions on the chapters you read each Friday during 3<sup>rd</sup> period.

**Reading for the week:  
Chapters 90 - 100**

## SCB Unit 2B/3B Unit Test CR 4/1/2021

1. Answer the 2 questions.
2. Show all your work in your notebook and send to me on Remind.
3. Explain your work on CTLS
4. Do your very best! You can do this!



1. After the test, get on [deltamath.com](https://deltamath.com) and or [Edpuzzle](https://edpuzzle.com) to complete any missing HW.
2. If you do not have any outstanding HW, then go back to CTLIS and take the [Unit 2B/3B Quick Check](#).

$$\text{Slope} = \frac{y_2 - y_1}{x_2 - x_1}$$

