

NOTES: LESSON 4.2 – CALCULATING & INTERPRETING Y-INTERCEPT

Learning Goal: I can use a graph, table, or equation to determine and describe the y-intercept of a relationship.

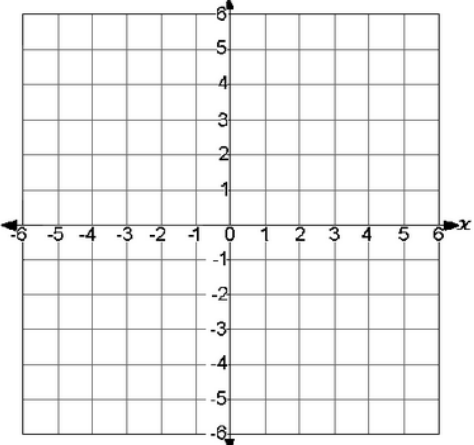
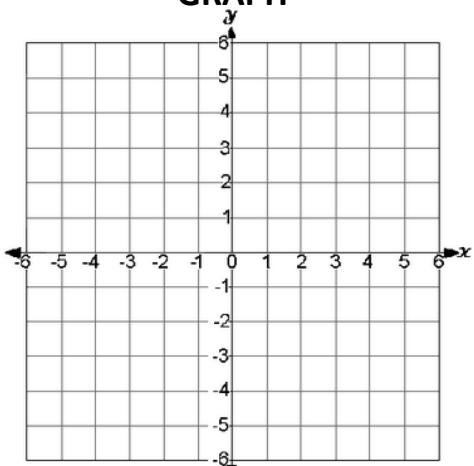
Meta de Aprendizaje: Puedo utilizar un gráfico, tabla o ecuación para determinar y describir la ordenada en el origen de una relación.

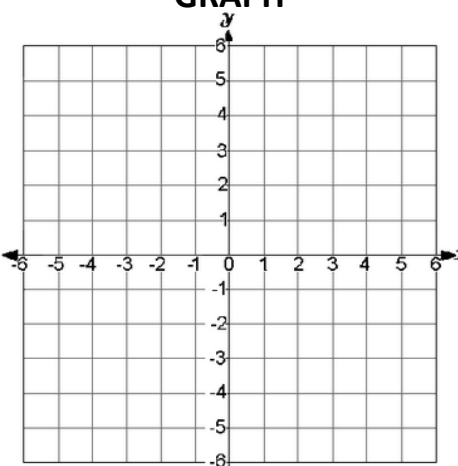
Language Goal: I can identify the key information on a graph, table, or equation to describe in words the y-intercept of a relationship.

Lenguaje Objetivo: Puedo identificar la información clave en un gráfico, tabla o ecuación para describir con palabras la ordenada en el origen de una relación.

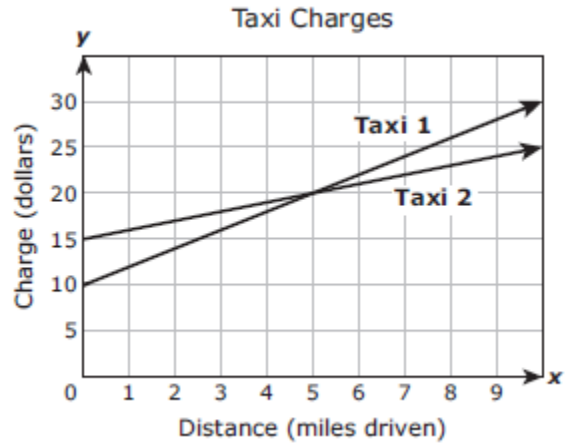
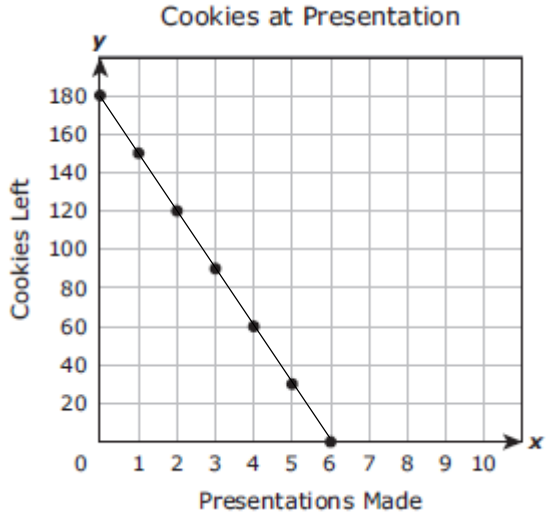
$$y = mx + b$$

- The _____ describes the _____ when the line intersects the _____.
- The letter _____ is used to describe the _____.
- The _____ is when the _____ is _____, so the ordered pair is _____.

EQUATION	TABLE	GRAPH												
$y = 2x + 2$ <p>or</p> $y = 2 + 2x$	<table border="1"> <thead> <tr> <th data-bbox="532 1024 618 1066">X</th> <th data-bbox="618 1024 943 1066">Process</th> <th data-bbox="943 1024 1024 1066">Y</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	X	Process	Y										
X	Process	Y												
$y = -2x + 6$ <p>or</p> $y = 6 - 2x$	<table border="1"> <thead> <tr> <th data-bbox="532 1528 618 1570">X</th> <th data-bbox="618 1528 943 1570">Process</th> <th data-bbox="943 1528 1024 1570">Y</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	X	Process	Y										
X	Process	Y												

EQUATION	TABLE	GRAPH												
$y = 3x - 2$ <p style="text-align: center;">or</p> $y = -2 + 3x$	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">X</th> <th style="width: 60%;">Process</th> <th style="width: 10%;">Y</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	X	Process	Y										
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But what does it mean!?!??!



Label for X-Coordinate	Label for Y-Coordinate	Slope and Meaning	Y-Intercept and Meaning

BONUS: Are the relationships *proportional* or *non-proportional*? _____