

8-5-2Q. Quiz – Finding Intercepts

Name _____

Date _____

Write in Standard Form ($Ax + By = C$), and find the x- and y-intercepts. (TB Pg. 266)

1. $-2x - y = 4$

2. $y = 4 - 2x$

3. $4x - 2y = 8$

Using intercepts, graph the line of each equation. (TB Pg. 266)

4. $\frac{1}{2}x + \frac{1}{5}y = 1$

5. $y = \frac{3}{8}x + 6$

8-5-2Q. Finding Intercepts

ANSWERS

Write in Standard Form ($Ax + By = C$), and find the x- and y-intercepts. (TB Pg 266)

1. $-2x - y = 4$ SF = $2x + y = -4$ x-int = -2 , y-int = -4

2. $y = 4 - 2x$ SF = $y + 2x = 4$ x-int = 2 , y-int = 4

3. $4x - 2y = 8$ SF = OK x-int = 2 , y-int = -4

Using intercepts, graph the line of each equation. (TB Pg 266)

4. $\frac{1}{2}x + \frac{1}{5}y = 1$ x-int = 2 y-int = 5

5. $y = \frac{3}{8}x + 6$ x-int = -13 y-int = 12