

Homework: Standard Form & Intercepts

Find the x - and y -intercepts for each equation. Then graph each line.

1. $8x + 4y = 16$

$$\frac{4y}{4} = \frac{16}{4}$$

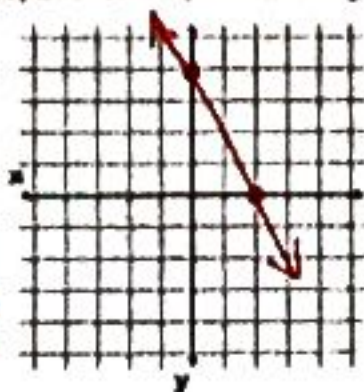
$$y = 4$$

$$(0, 4)$$

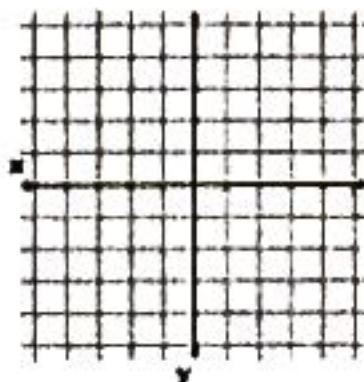
$$8x + 4y = 16$$

$$\frac{8x}{8} = \frac{16}{8}$$

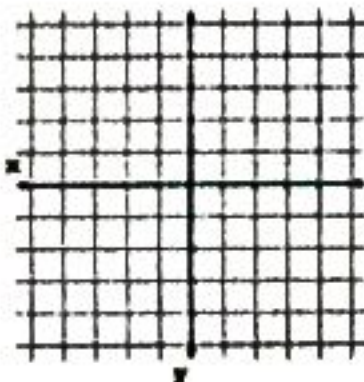
$$x = 2 \quad (2, 0)$$



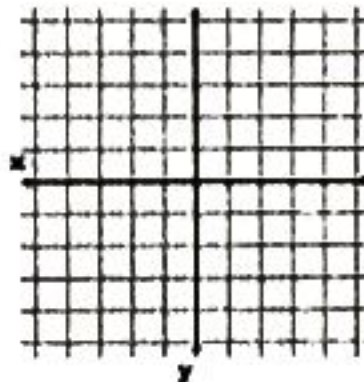
2. $-3x - 5y = 10$



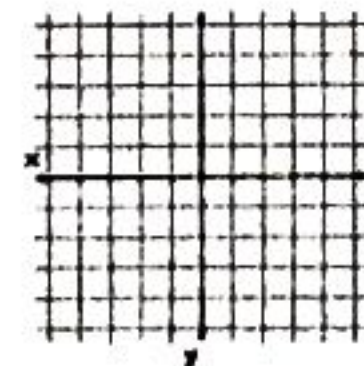
3. $-5y = -10x + 15$



4. $2x - 2y + 5 = 0$



5. $2x - 3y = 9$



6. $x + y = 2$

