

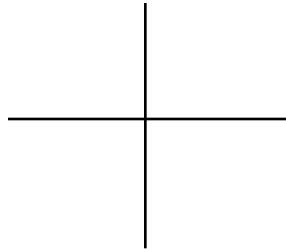
WarmUp # 28
J Allyn

Name _____

Graphing linear (line) equations

- 1 Write in 'y' form ($y = mx + b$) using the T Table method, graph and label.

$$y = 2x - 3$$



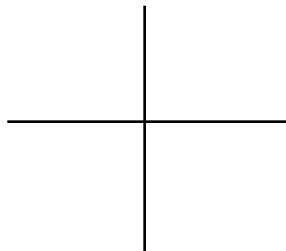
x	y

- 2 Using the Intercept method, graph and label the following linear equation

$$5x - 3y = 15$$

$$(0, \underline{\quad})$$

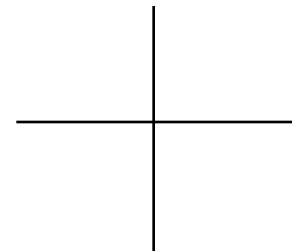
$$(\underline{\quad}, 0)$$



$$4y + 3x = 12$$

$$(0, \underline{\quad})$$

$$(\underline{\quad}, 0)$$



- 3 Solve for y

$$8(y - 3) + 6 = 2(y + 6)$$

Expand

Simplify

Constant term

Simplify

Variable term

Coefficient

$$y =$$

- 4 The tree is 10 feet tall and casts a 7 foot shadow on Saturday at 4:15 pm. The building across the street casts a 63 foot shadow at the same time. How tall is the building in yards ?

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5 Simplify

$$(2^{-3})(2^{-1}) =$$

$$(4^{-2}) + 3^2$$