6

Matt and Ming are selling fruit for a school fundraiser. Customers can buy small boxes of oranges and large boxes of oranges. Matt sold 3 small boxes of oranges and 14 large boxes of oranges for a total of \$203. Ming sold 11 small boxes of oranges and 11 large boxes of oranges for a total of \$220. Find the cost each of one small box of oranges and one large box of oranges.

$$\frac{33}{33} \times +154 = 2233$$

$$\frac{33}{33} \times -33 = -660$$

$$\frac{121}{121} = \frac{1573}{121}$$

$$\frac{121}{3} = \frac{13}{5}$$

5.3 - Graphing W= MX+b

Name:

2<sup>nd</sup>, Equation

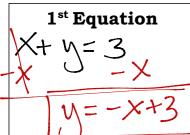
Answer:

Same line?

Parallel lines?

Intersection?

How do you solve a system of equations by graphing?



## Equation 1

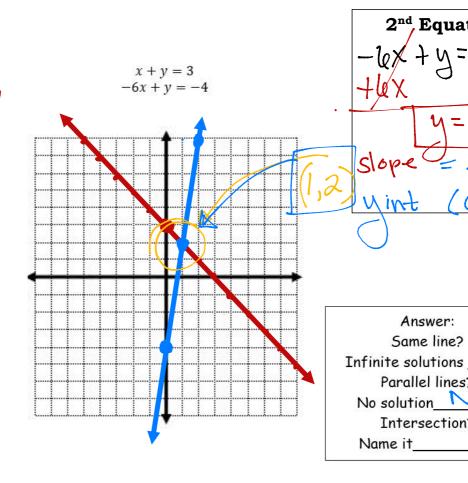
Slope:

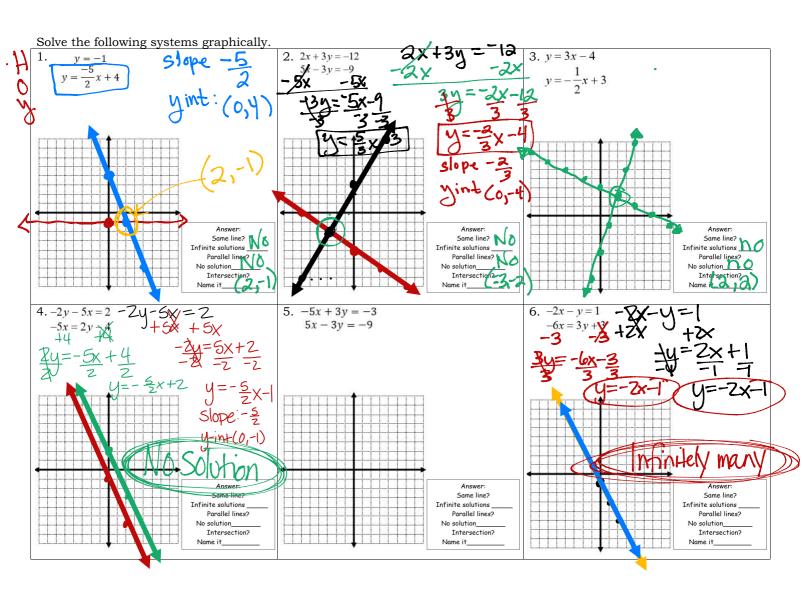
y- intercept:

## **Equation 2**

Slope:

y- intercept:





Souph 4x-4y=20 2x +4y = 28