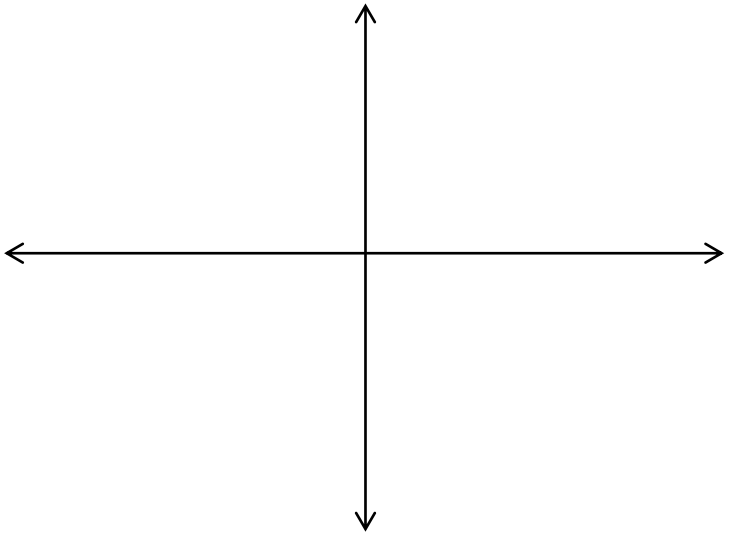
Week 9 Monday Course 3 Warm-up

Find the Slope
(-4, 3) (-5, -2)

Sketch the points (-4, 3) and (-5, -2)



Solve an Equation Containing Fractions

$$\frac{a}{2}+\frac{1}{5}=17.$$

Write number in scientific notation
9,040,000,000

Simplify Expression

$$2^6 \cdot 2^4$$

Solve an Equation Containing Decimals
7.8y+2=165.8

Solve & Check
8x – 13 = 5x + 14

Week 9 Monday Course 3 Warm-up

Find the Slope

(-4, 3) (-5, -2)

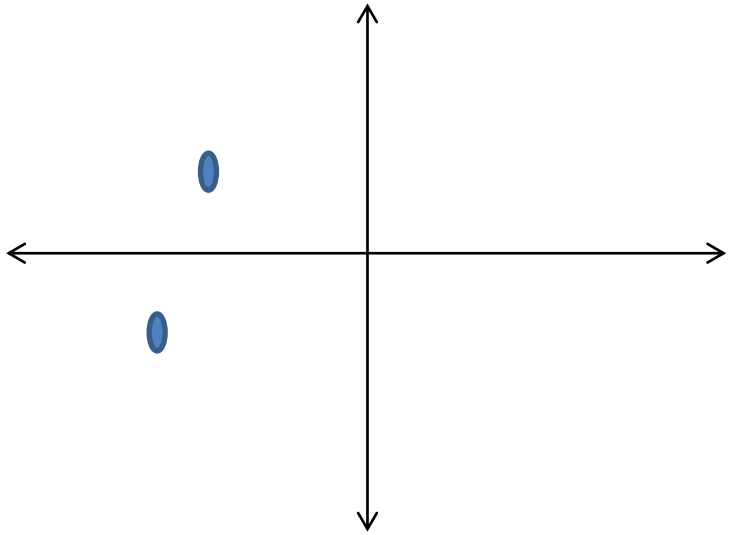
$\frac{-2-3}{-5-(-4)} = \frac{-5}{-1} = \mathbf{5}$

Given two points: (x_1, y_1) (x_2, y_2)

Slope Formula:

$$\frac{y_2 - y_1}{x_2 - x_1}$$

Sketch the points (-4, 3) and (-5, -2)



Solve an Equation Containing Fractions

$$\frac{a}{2} + \frac{1}{5} = 17.$$

$\frac{168}{5}$

Write number in scientific notation

9,040,000,000

9.04 x 10^9

Simplify Expression

$2^6 \cdot 2^4$

2^{10}

Solve an Equation Containing Decimals

7.8y+2=165.8

21

Solve & Check

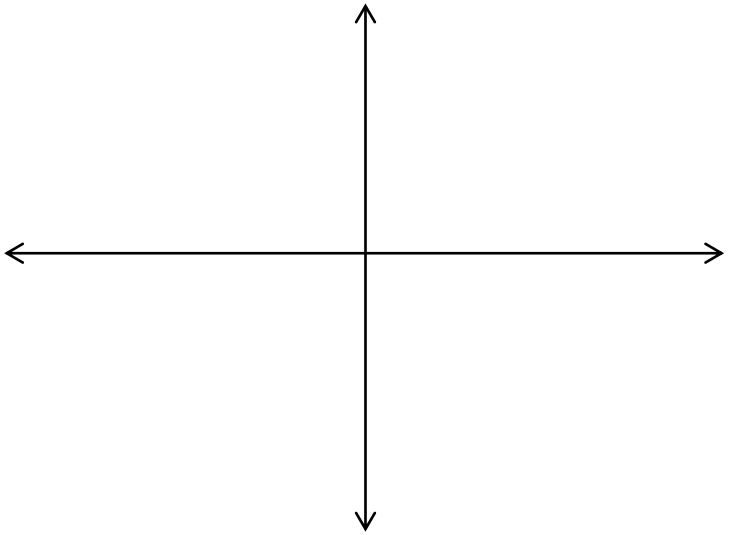
8x – 13 = 5x + 14

X=9

Week 9 Wednesday Course 3 Warm-up

Find the Slope
(-3, 4) (1, 4)

Sketch the points (-3, 4) and (1, 4)



Solve an Equation Containing Fractions

$$\frac{m}{6} - 7 = \frac{2}{3}.$$

Write number in scientific notation
0.02

Simplify Expression

$$3r \cdot r^4$$

Solve an Equation Containing Decimals
1.025x+2.458=7.583

Solve & Check
3x – 17 = x + 11

Week 9 Wednesday Course 3 Warm-up

Find the Slope

(-3, 4) (1, 4)

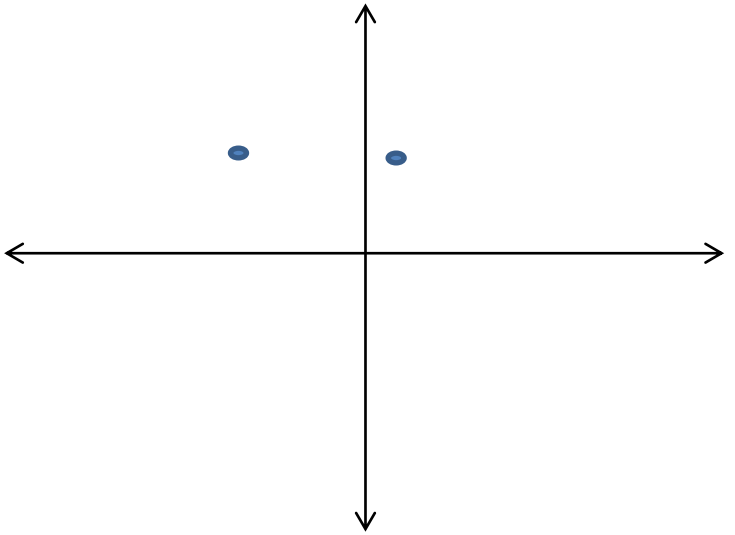
$\frac{4-4}{1-(-3)} = \frac{0}{4} = 0$

Given two points: (x_1, y_1) (x_2, y_2)

Slope Formula:

$$\frac{y_2 - y_1}{x_2 - x_1}$$

Sketch the points (-3, 4) and (1, 4)



Solve an Equation Containing Fractions

$$\frac{m}{6} - 7 = \frac{2}{3}.$$

46

Write number in scientific notation

0.02

2.0 x 10 ^-2

Simplify Expression

$3r \cdot r^4$

$3r^5$

Solve an Equation Containing Decimals

1.025x+2.458=7.583

5

Solve & Check

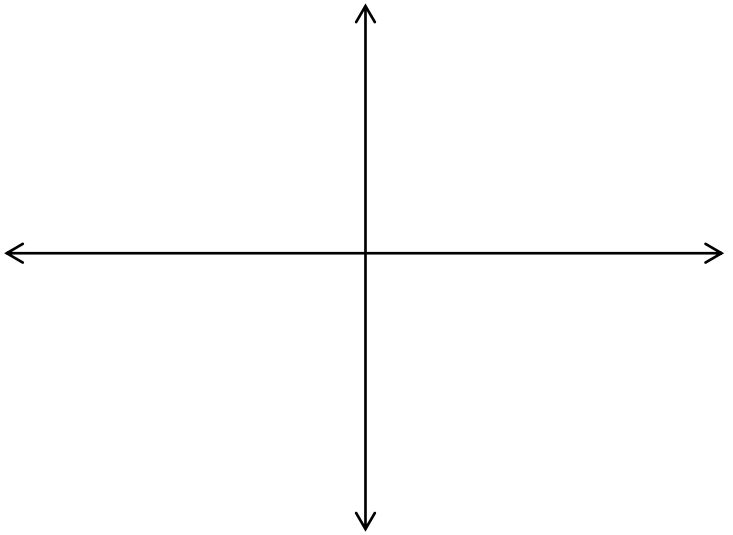
3x – 17 = x + 11

x=-14

Week 9 Thursday Course 3 Warm-up

Find the Slope
(-3, -2) (3, 2)

Sketch the points (-3, -2) and (3, 2)



Solve an Equation Containing Fractions

$$x - \frac{5}{8} = \frac{7}{8}$$

Write number in scientific notation
9.3 million

Simplify Expression

$$10^{-6} \cdot 10^{6}$$

Solve an Equation Containing Decimals
3.5=12s-5s

Solve & Check
14x – 20 = 12x + 40

Week 9 Thursday Course 3 Warm-up

Find the Slope

(-3, -2) (3, 2)

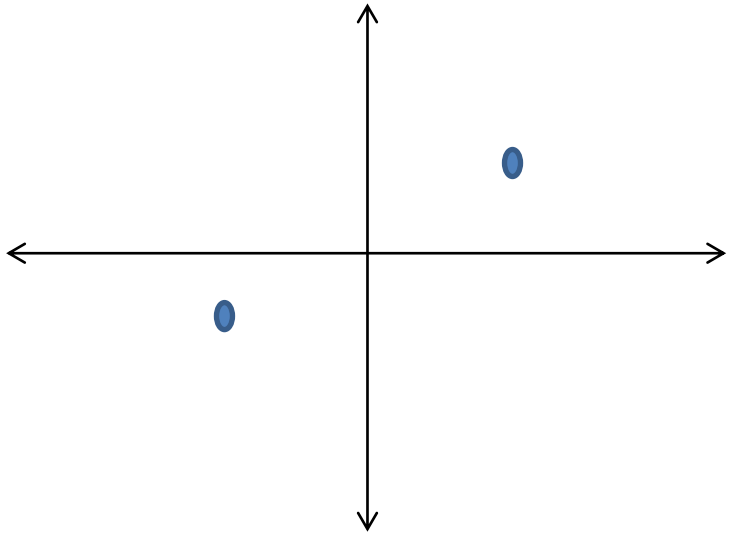
$\frac{2-(-2)}{3-(-3)} = \frac{4}{6} = \frac{2}{3}$

Given two points: (x_1, y_1) (x_2, y_2)

Slope Formula:

$$\frac{y_2 - y_1}{x_2 - x_1}$$

Sketch the points (-3, -2) and (3, 2)



Solve an Equation Containing Fractions

$$x - \frac{5}{8} = \frac{7}{8}$$

$$\frac{3}{2}$$

Write number in scientific notation

9.3 million

9.3 x 10 ^6

Simplify Expression

$$10^{-6} \cdot 10^{6}$$

1

Solve an Equation Containing Decimals

3.5=12s-5s

0.5

Solve & Check

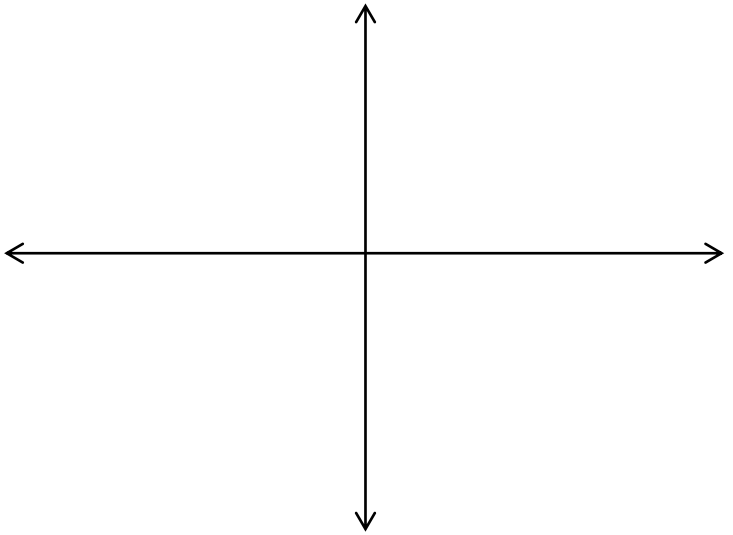
14x – 20 = 12x + 40

X=30

Week 9 Friday Course 3 Warm-up

Find the Slope
(4, 4) (5, -2)

Sketch the points (4, 4) and (5, -2)



Solve an Equation Containing Fractions

$$\frac{1}{2}+\frac{7x}{10}=\frac{13}{20}.$$

Write number in scientific notation
21,700

Simplify Expression

$$c^{-2}\cdot c^{7}\cdot 7$$

Solve an Equation Containing Decimals
$3m + 4.5m = 15$

Solve & Check
$4x - 12 = 5x + 15$

Week 9 Friday Course 3 Warm-up

Find the Slope
(4, 4) (5, -2)

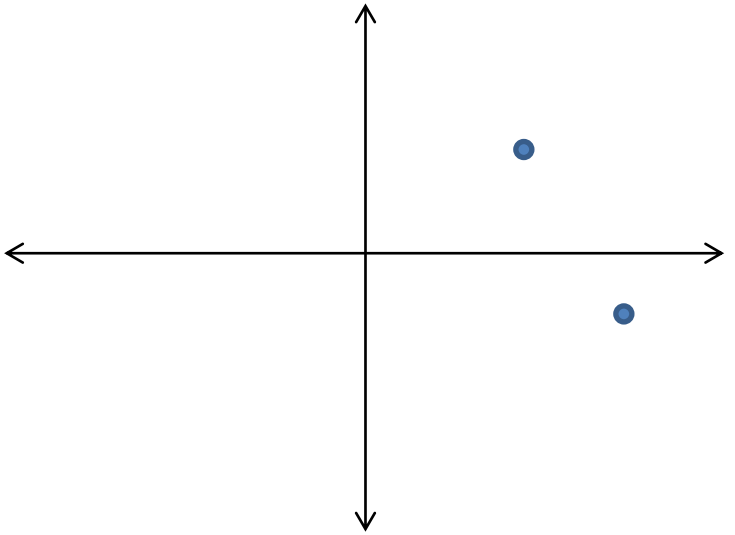
$\frac{-2-4}{5-4} = \frac{-6}{1} = 6$

Given two points: (x_1, y_1) (x_2, y_2)

Slope Formula:

$$\frac{y_2 - y_1}{x_2 - x_1}$$

Sketch the points (4, 4) and (5, -2)



Solve an Equation Containing Fractions

$$\frac{1}{2} + \frac{7x}{10} = \frac{13}{20}$$

$\frac{3}{14}$

Write number in scientific notation
21,700

2.17x 10^4

Simplify Expression

$$c^{-2} \cdot c^{7} \cdot 7$$

$$7c^{5}$$

Solve an Equation Containing Decimals
$3m + 4.5m = 15$

2

Solve & Check
4x – 12 = 5x + 15

X=-27