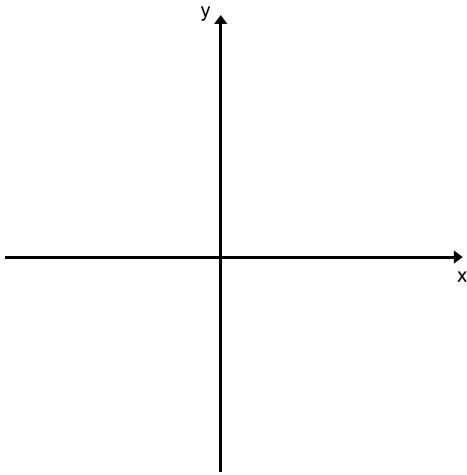


Graph 1
 $-4x + 5y = 60$

Show paper and pencil work here

Label x intercept and y intercept
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

What is the x intercept? $(\text{____}, 0)$

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

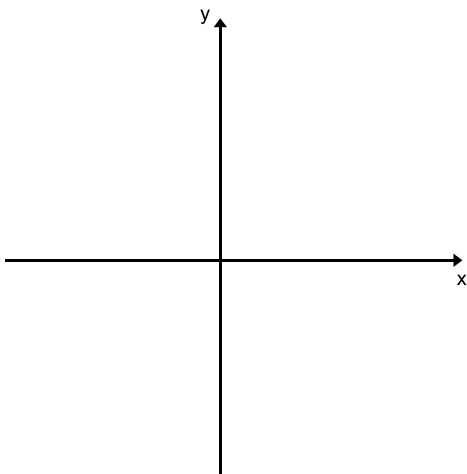
General TI Nspire Skills Necessary

- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 2
 $y = \frac{3}{4}x + 16$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

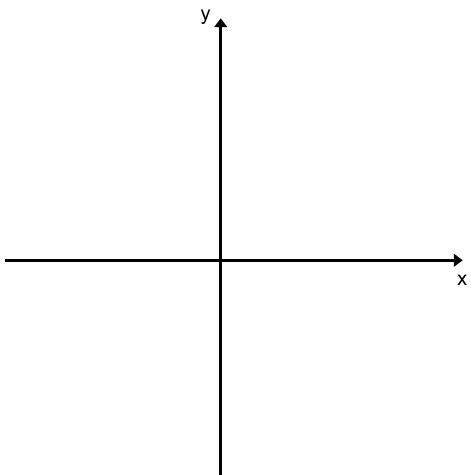
What is the x intercept? $(\text{____}, 0)$

Graph 3

$$y = \frac{-7}{2}(x + 4) - 5$$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
 WITH A COORDINATE NOT JUST A POINT



What is the implied point? (____, ____) be careful with signs!

What is the slope? $m =$ ____

What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

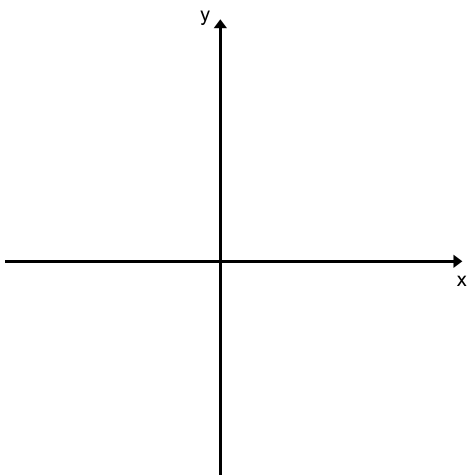
General TI Nspire Skills Necessary

- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 4
 $x = -3$
 $y = 8$

Show paper and pencil work here

Label x intercept, y intercept, and point of intersection
 WITH A COORDINATE NOT JUST A POINT



What is the slope of the line $x = -3$? $m =$ _____
 (Hint: the answer is either 0 or undefined)

What is the slope of the line $y = 8$? $m =$ _____
 (Hint: the answer is either 0 or undefined)

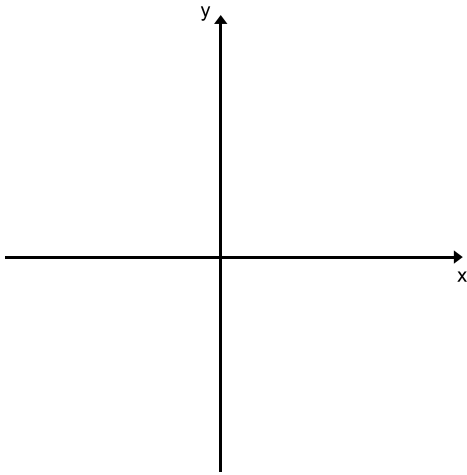
What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Graph 1
 $-3x + 6y = 24$

Show paper and pencil work here

Label x intercept and y intercept
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

What is the x intercept? $(\text{____}, 0)$

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

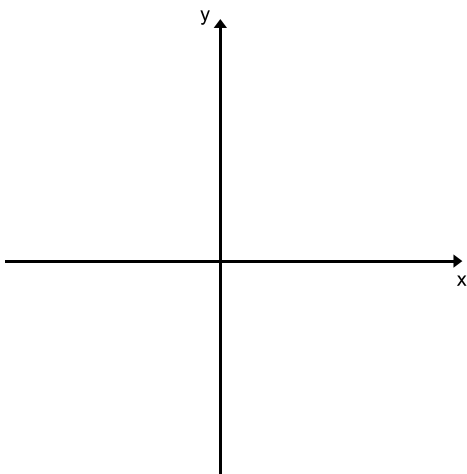
General TI Nspire Skills Necessary

- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 2
 $y = \frac{5}{3}x + 12$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

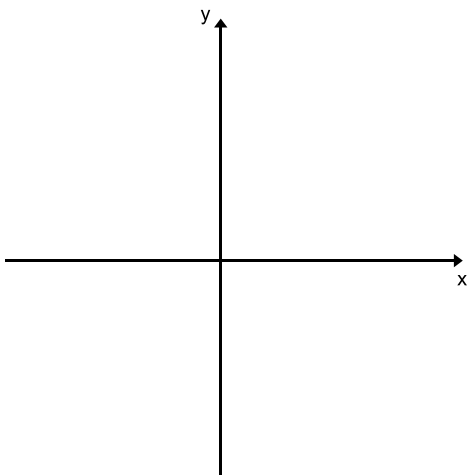
What is the x intercept? $(\text{____}, 0)$

Graph 3

$$y = \frac{-3}{5}(x + 10) + 3$$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
 WITH A COORDINATE NOT JUST A POINT



What is the implied point? (____, ____) be careful with signs!

What is the slope? $m =$ ____

What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

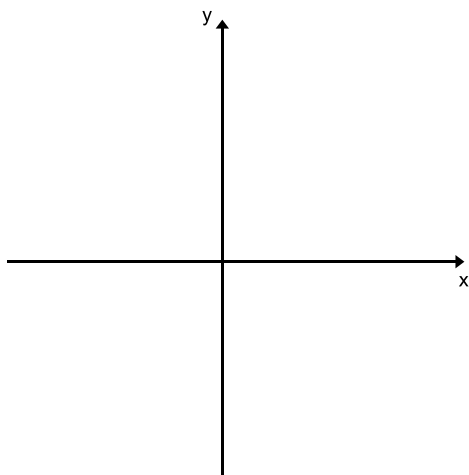
General TI Nspire Skills Necessary

- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 4
 $x = -7$
 $y = 1$

Show paper and pencil work here

Label x intercept, y intercept, and point of intersection
 WITH A COORDINATE NOT JUST A POINT



What is the slope of the line $x = -7$? $m =$ _____
 (Hint: the answer is either 0 or undefined)

What is the slope of the line $y = 1$? $m =$ _____
 (Hint: the answer is either 0 or undefined)

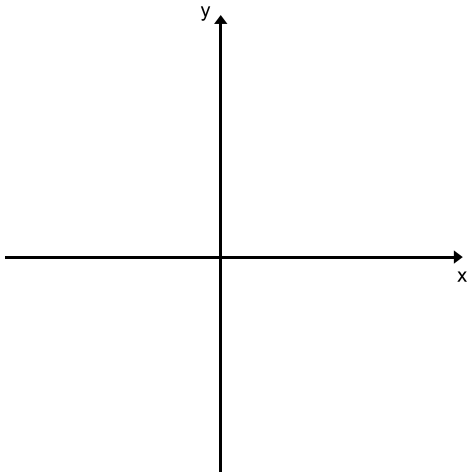
What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Graph 1
 $-4x + 8y = 48$

Show paper and pencil work here

Label x intercept and y intercept
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

What is the x intercept? $(\text{____}, 0)$

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

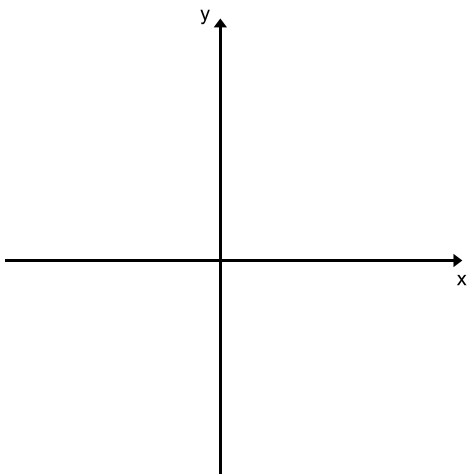
General TI Nspire Skills Necessary

- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 2
 $y = \frac{8}{3}x + 15$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

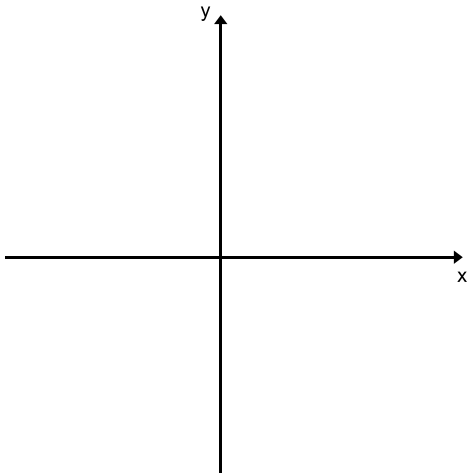
What is the y intercept? $(0, \text{_____})$ $b =$ _____

What is the x intercept? $(\text{____}, 0)$

Graph 3

$$y = \frac{-5}{6}(x + 12) - 3$$

Label x intercept, y intercept, and one additional point
WITH A COORDINATE NOT JUST A POINT



Show paper and pencil work here

What is the implied point? (____, ____) be careful with signs!

What is the slope? $m =$ ____

What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

General TI Nspire Skills Necessary

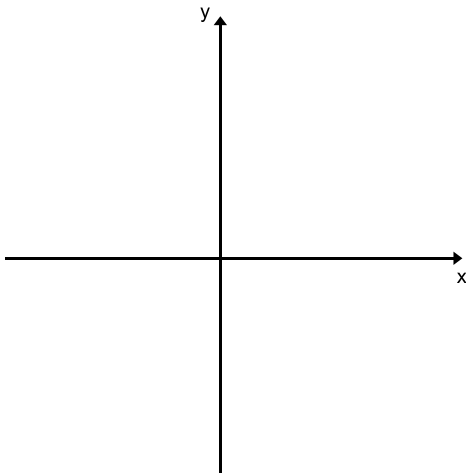
- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 4

$$x = -8$$

$$y = 3$$

Label x intercept, y intercept, and point of intersection
WITH A COORDINATE NOT JUST A POINT



Show paper and pencil work here

What is the slope of the line $x = -8$? $m =$ _____
(Hint: the answer is either 0 or undefined)

What is the slope of the line $y = 3$? $m =$ _____
(Hint: the answer is either 0 or undefined)

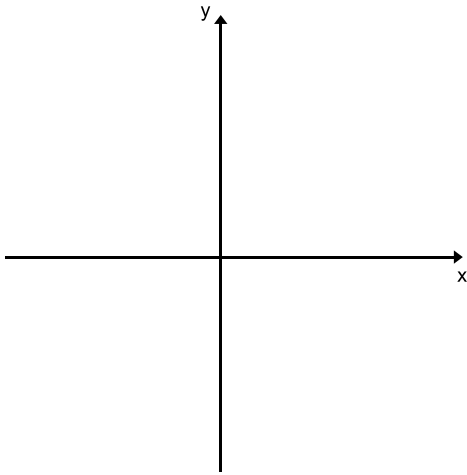
What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Graph 1
 $-5x + 10y = 60$

Show paper and pencil work here

Label x intercept and y intercept
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

What is the x intercept? $(\text{____}, 0)$

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

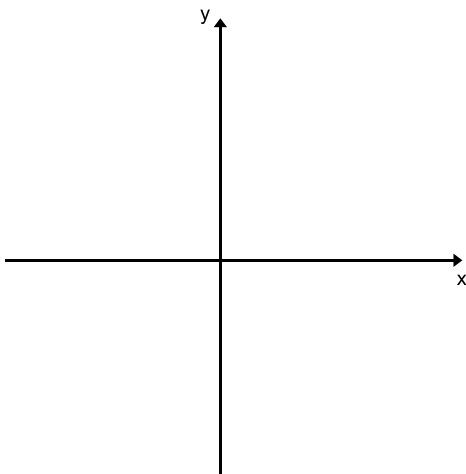
General TI Nspire Skills Necessary

- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 2
 $y = \frac{9}{4}x + 15$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
 WITH A COORDINATE NOT JUST A POINT



What is the slope? $m =$ _____

What is the y intercept? $(0, \text{_____})$ $b =$ _____

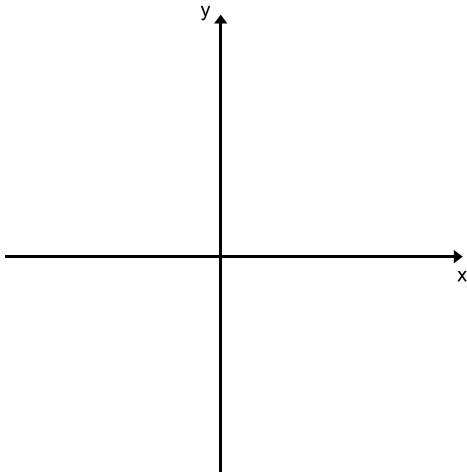
What is the x intercept? $(\text{____}, 0)$

Graph 3

$$y = \frac{-6}{5}(x + 30) - 7$$

Show paper and pencil work here

Label x intercept, y intercept, and one additional point
WITH A COORDINATE NOT JUST A POINT



What is the implied point? (____, ____) be careful with signs!

What is the slope? $m =$ ____

What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)

Convert to slope intercept form _____

Specific TI Nspire Skills Necessary

- Change from Function Mode to Relation Mode
- Change Viewing Window
- Create a Table of Values

General TI Nspire Skills Necessary

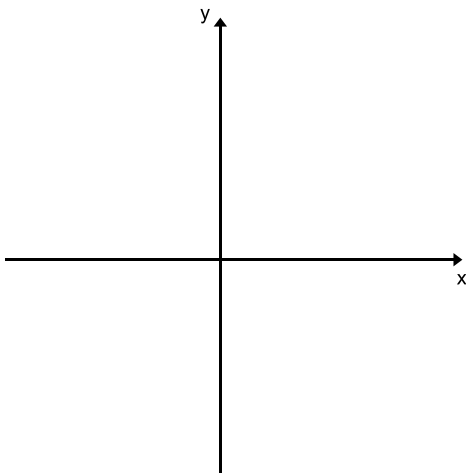
- Start a Document
- Start a new Graphs Page
- Start a new Calculator Page

Graph 4

$$x = -9$$
$$y = 6$$

Show paper and pencil work here

Label x intercept, y intercept, and point of intersection
WITH A COORDINATE NOT JUST A POINT



What is the slope of the line $x = -9$? $m =$ _____
(Hint: the answer is either 0 or undefined)

What is the slope of the line $y = 6$? $m =$ _____
(Hint: the answer is either 0 or undefined)

What is the y intercept? (0, ____) $b =$ ____

What is the x intercept? (____, 0)