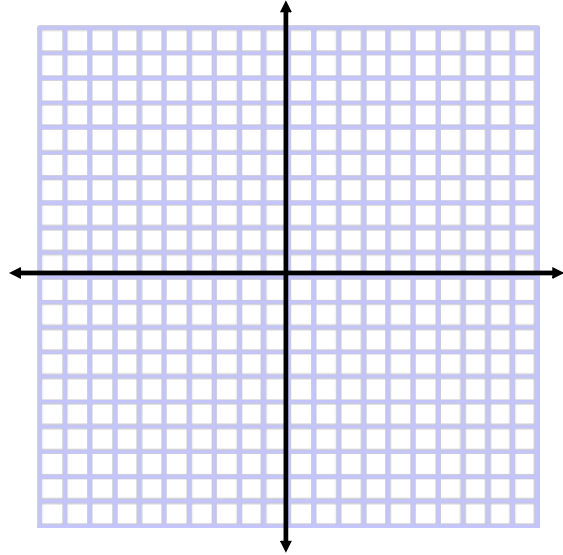1.1 Graphing Linear Relationships

There are 3 ways to graph a linear relation: 1.
2.
3.

Ex. 1 Graph using a table of values.

a) y = -2x + 1

x	y

b) $y = \frac{1}{2}x + 3$
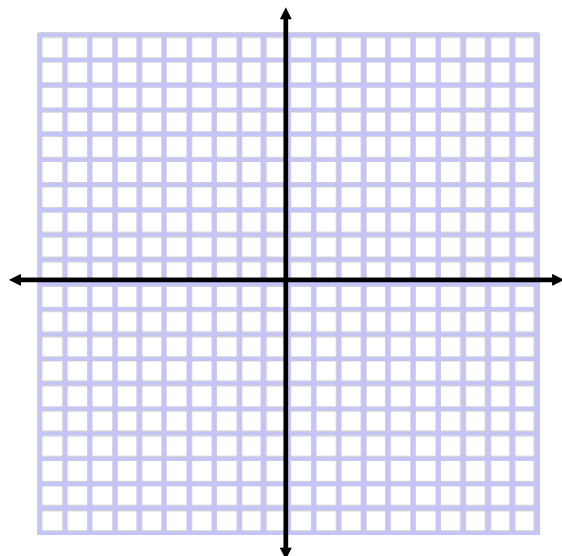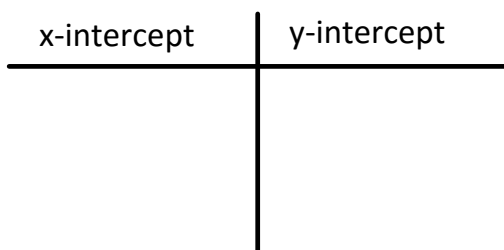
x	y

Communication Errors

Ex. 2 Graph using x and y-intercepts.
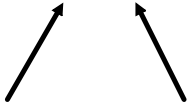
- at the x-intercept, y =
- at the y-intercept, x =

2x + 3y = 12

x-intercept	y-intercept

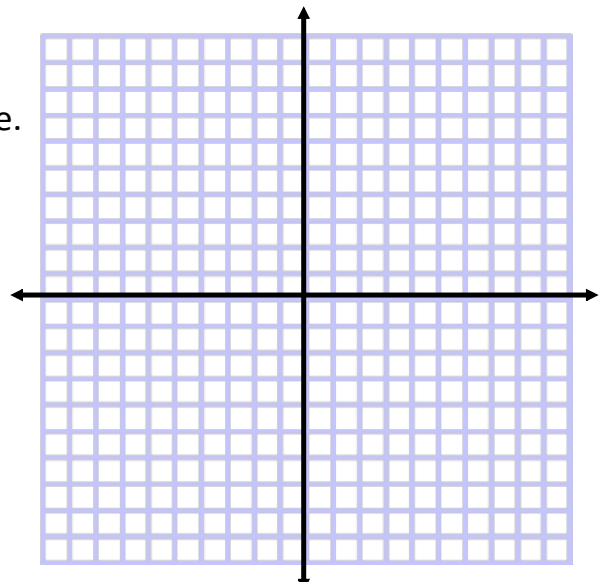Ex. 3 Graph using the slope and y-intercept.

a) y = -2x + 1
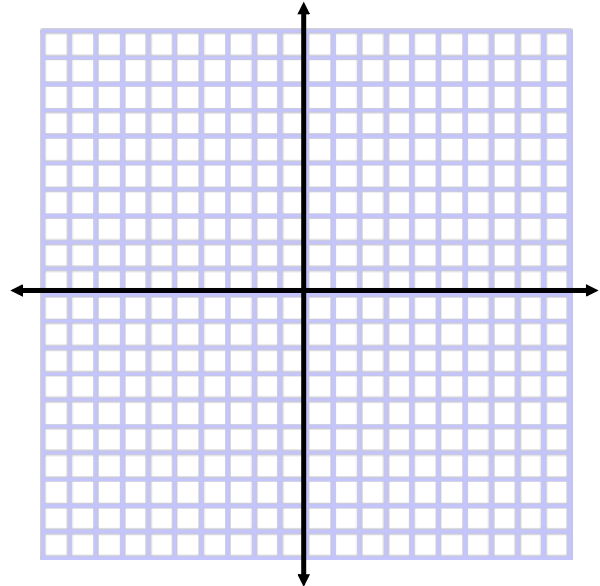
b) 4x = 20 - 5y ✓

Special Cases

Ex. 4 Graph each line, then state its slope.

a)   y = 3

b)   x = -5

Attachments

Start ur hmk.m4a