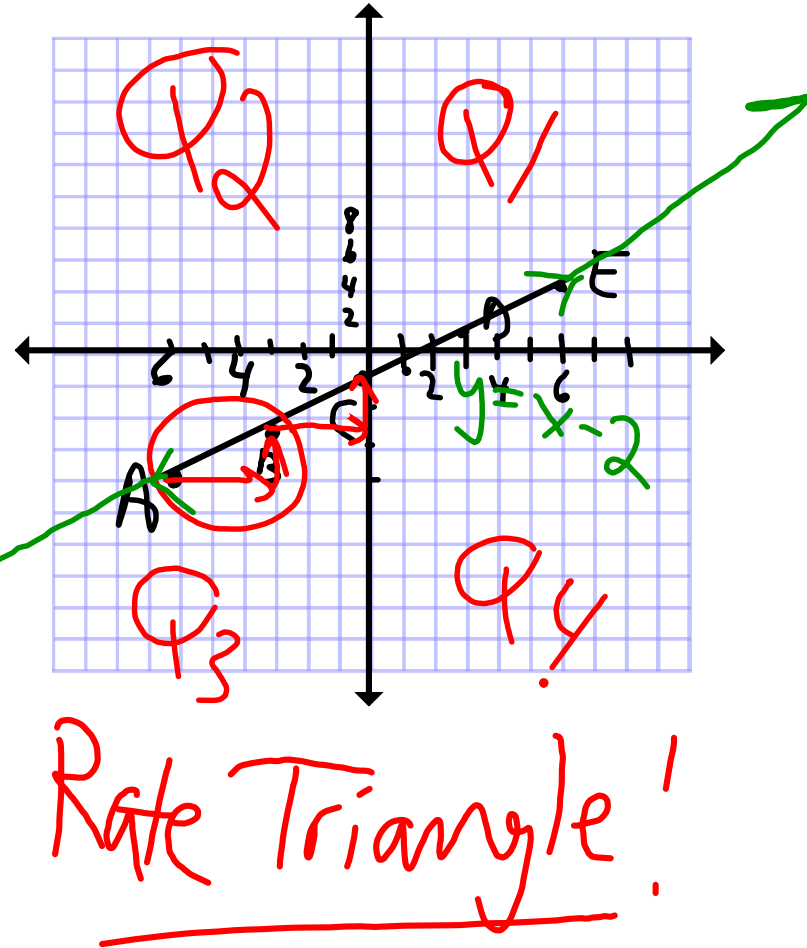


Worksheet A

a)

x	calculation	y
-6	$y = (-6) - 2$	-8
-3		-5
0		-2
3		1
6		4

Handwritten notes:
- $y = x - 2$ is circled in green.
- The x-column is circled in black and labeled "Domain" with a handwritten "x" and "1, 2, 3".
- The y-column is circled in black and labeled "Range" with a handwritten "y" and "2, 3".
- A red arrow points from the point $A(-6, -8)$ in the table to the graph.



$$b) y = \frac{1x}{4} + 3$$

$$x = -4$$

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

$$y = \frac{-4}{4} + 3$$

$$y = -1 + 3$$

$$y = 2$$

x	y
-4	2

$(-4, 2)$

$$c) 3x + 2y = 4$$

$$D \{-6 \leq x \leq 6\}$$

$$D \{x \mid -6, -3, 0, 3, 6\}$$

$x = -3$ solve for y .

$$3(-3) + 2y = 4$$

$$-9 + 2y = 4$$

$$2y = 4 + 9$$

$$2y = 13$$

$$\frac{2y}{2} = \frac{13}{2}$$

$$y = \frac{13}{2}$$

$$y = 6.5$$

x	y
-3	6.5

c) How would
you plot a
repeating decimal
co-ordinate?

X	Y
-3	$\frac{13}{3} = 4.\bar{3}$

Round off, but leave accurate
value in the table of values.

learn these words

relation	
function	
polynomial	
model	
equation	
formula	
expression	