Curriculum Outcomes:

(PR1) Generalize a pattern arising from a problem-solving context using linear equations and verify by substitution.

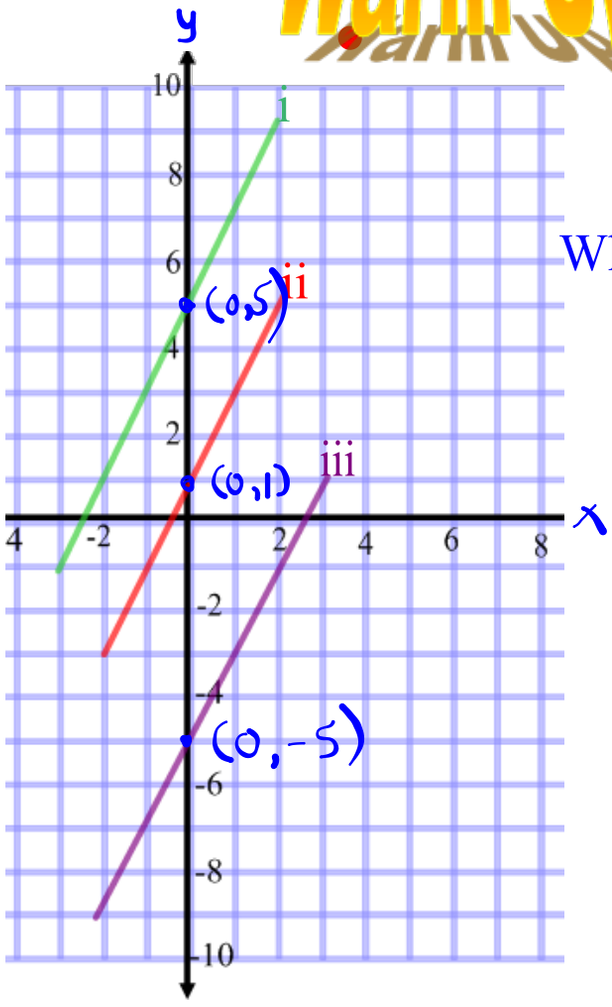
(PR2) Graph linear relations, analyze the graph and interpolate or extrapolate to solve problems.

Student Friendly: Being able to identify a linear pattern in a t-table.

Warm Up

In booklet from yesterday

Which graph represents y= 2x - 5?



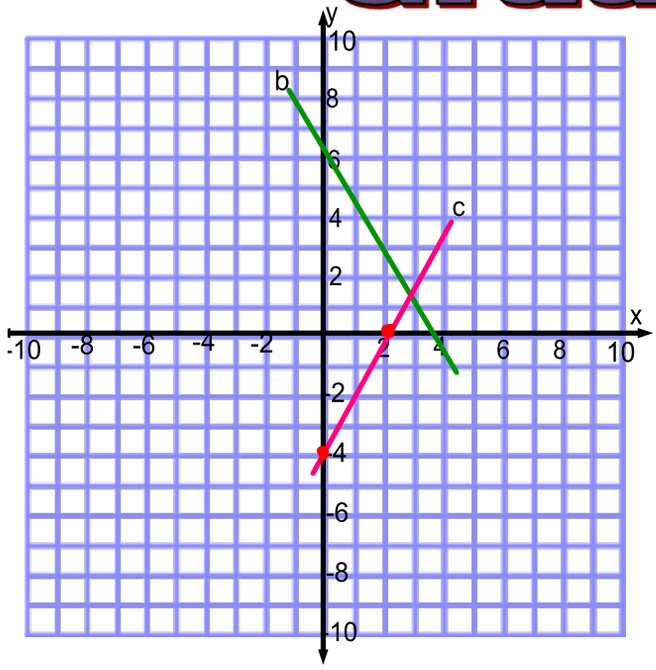
MUST JUSTIFY
your answer

$\frac{\Delta y}{\Delta x} = \frac{2}{1}$

(0, -5)

iii

Warm-Up Grade 9



Use a table of values to match the following equations to the correct graph.

Justify answers

i) $y = 2x - 4$

$\frac{\Delta y}{\Delta x} = \frac{2}{1}$

$(0, -4)$

C

ii) $y = \frac{-3}{2}x + 6$

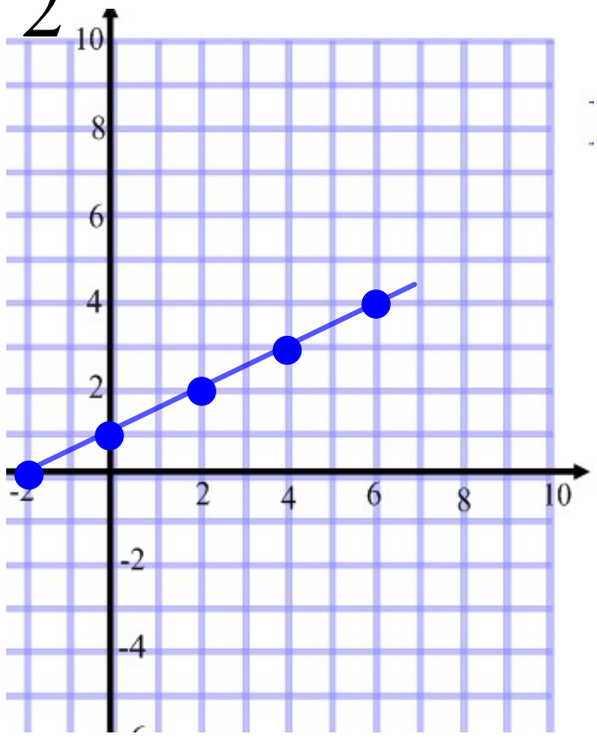
$\frac{\Delta y}{\Delta x} = \frac{-3}{2}$

$(0, 6)$

B

Which equation represents the graph?

2



Pick the correct equation

~~a) $y = -\frac{1}{2}x + 1$~~

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

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

Homework

Worksheet #2

#1 to #32

page 188 - 190

#3 - #12

Homework

Worksheet #2

worksheet