Unit 4 : Linear Relations
Exam Review

NEED EQUATION IN THE FORM OF

$$y = \frac{\Delta y}{\Delta x}x \pm \#$$

$\frac{\Delta y}{\Delta x} = \frac{\text{rise}}{\text{run}}$

(0, #)

Equation from table

x	y
0	10
1	15
2	20
3	25

$\Delta x = 1$ $\Delta y = 5$

$$y = \frac{5}{1}x + 10$$

Comes from your head

Comes from table

Linear:

There is a constant change in your x values , and there is a constant change in you y values

Discrete: Dots

Must look at x values

Continous: Connect

Graphs & Equations

NEED EQUATION IN THE FORM OF

$$y = \frac{\Delta y}{\Delta x}x \pm \#$$

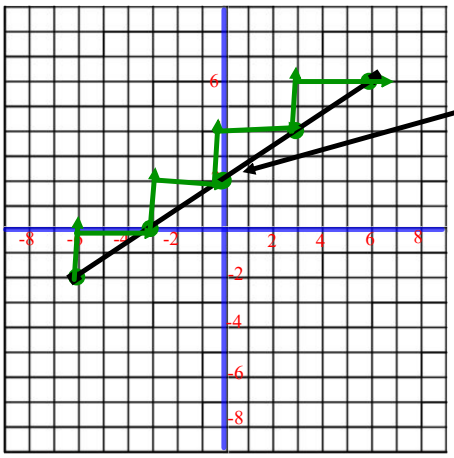
(0, #)

$\frac{\Delta y}{\Delta x}$ = $\frac{\text{rise}}{\text{run}}$

x	y
$-\Delta x$	) Δy
0	#
Δx	) Δy

Matching Graphs with equations

Need



(0, #) = (0, 2)

$\frac{\Delta y}{\Delta x} = \frac{\text{rise}}{\text{run}}$ $\frac{2}{3}$

$y = \frac{2}{3}x + 2$

Attachments

January_Exam_2011_Review_-_Unit_4.docx

January_Exam_2011_Review_-_Unit_4 PDF.pdf

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