


MasterMath

Number Sense

SLOPE






Slope



Slope



Slope (m) = $\frac{\text{rise}}{\text{run}}$

Slope (m) = $\frac{40}{100}$

Slope (m) = .4

Rise = how far up or down

Run = how far left or right

Slope

Slope = $\frac{\text{rise}}{\text{run}}$

Slope = $\frac{-6}{-3}$

$m = 2$

Slope = $\frac{-8}{8}$

Slope = -1

Slope

Slope = $\frac{\Delta y}{\Delta x}$

Slope = $\frac{5 - (-3)}{(-3) - 5}$

Slope = $\frac{8}{-8} = -1$

Slope = $\frac{-8}{8}$

$m = -1$

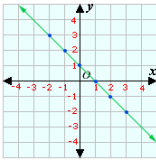
Slope

You try it!

Find the slope

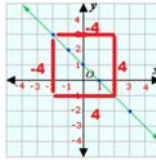
Slope

You try it!
Find the slope



$(2, -1) \rightarrow (0, 1)$

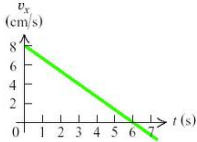
$$\frac{(-1) - 1}{2 - 0} = \frac{-2}{2} = -1$$




$4 / -4 = -1$
 $-4 / 4 = -1$

Slope

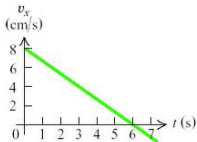
You try it!
Find the slope





Slope

You try it!
Find the slope



$-8 / 6 = -1.\bar{3}$

Slope

You try it!
Find m

Slope

You try it!
Find m

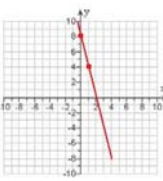
$4 - 8 = -1/2$

Slope

You try it!

Slope

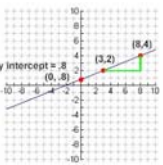
You try it!



$4/-1 = -4$

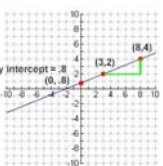
Slope

You try it!



Slope

You try it!



$(3,2) \rightarrow (8,4)$

$\frac{\Delta y}{\Delta x} = m$ $\frac{2-4}{3-8} = \frac{-2}{-5} = \frac{2}{5}$

Slope
