

Connect	NOTES:
	ver ends. arrows at both ends to represent that it n of ever.
	<b>+</b>

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SLOPE

FORMULA:

SLOPE = RISE |
RUN

RISE - is related to the vertical axis on the Cartesian plane (graph)

- Therefore, how far up and down you go.

RUN - is related to the horizontal axis on the Cartesian plane (graph)

- Therefore, how far over you go to the left or right.

The SLOPE of a line segment on a coordinate grid is the measure of its RATE OF CHANGE.

Rate of Change = change in dependent variable change in independent variable

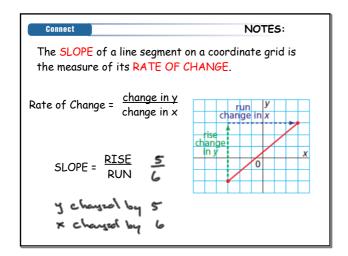
Rate of Change = change in y change in x = 32 - 32

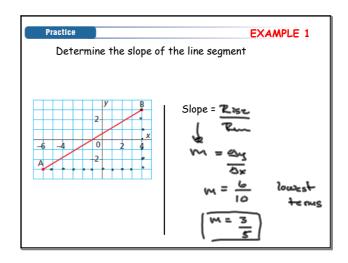
The change in y is the RISE
The change in x is the RUN

NOTES:

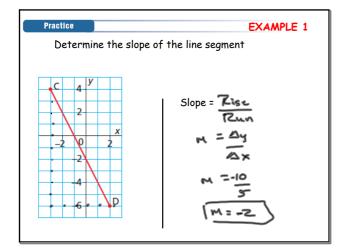
NOTES:

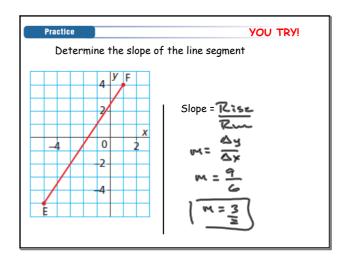
Rate of Change grid is the RISE
The change in x is the RISE
The change in x is the RUN

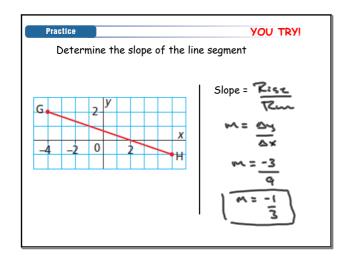


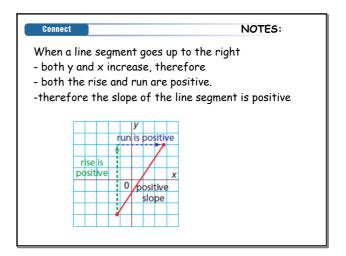


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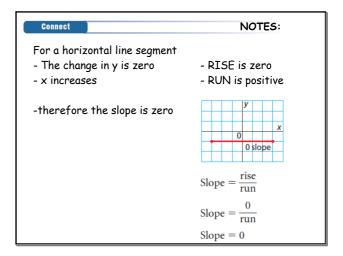
When a line segment goes down to the right
- y decreases - RISE is negative
- x increases - RUN is positive

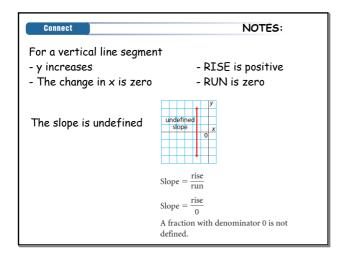
-therefore the slope of the line segment is negative

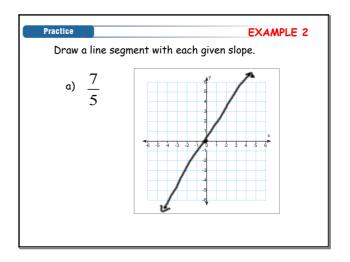
rise is negative slope x

o very line in the segment is negative slope x

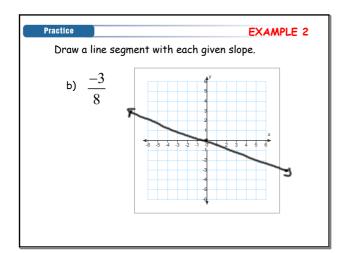
o very line is positive

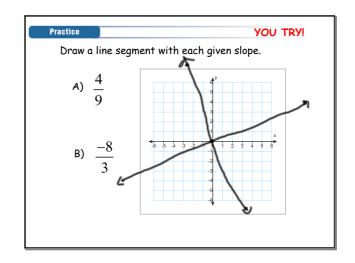






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