# Finding Slope given two points on a line

Find the slope of the line passing through the points (-9, -3) and (7, -7)

## ELO Paper Evidence

(1) $m = \frac{-7-(-3)}{7-(-9)} = \frac{-4}{16} = -\frac{1}{4}$

Find the slope of the line passing through the points (7, -2) and (2, -6)

## ELO Paper Evidence

(2) $m = \frac{-6-(-2)}{2-(7)} = \frac{-4}{-5} = \frac{4}{5}$

Find the slope of the line passing through the points (-8, -3) and (-3, 4)

## ELO Paper Evidence

(3) $m = \frac{4-(-3)}{-3-(-8)} = \frac{7}{5}$

Find the slope of the line passing through the points (-7, 2) and (9, 6)

## ELO Paper Evidence

(4) $m = \frac{6-(2)}{9-(-7)} = \frac{4}{16} = \frac{1}{4}$

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