

## Answer on Question #62264 – Math – Algebra

### Question

Find the slope of the line passing through the given points. (If an answer is undefined, enter UNDEFINED.)

(3, -7) and (-1, 7).

### Solution

As  $x_1 \neq x_2$ , the slope is equal to  $(y_2 - y_1) / (x_2 - x_1) = (7 - (-7)) / (-1 - 3) = 14 / (-4) = -14/4 = -7/2 = -3.5$ .

**Answer:** -3.5.