

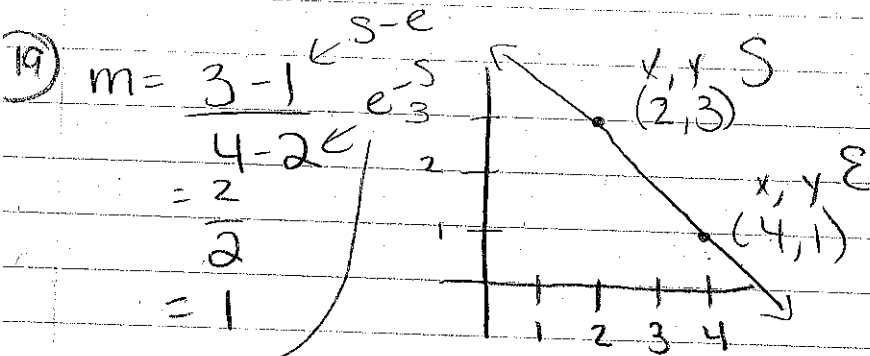
Pg. 154 (# 17-25)

17) $S: (10, 4)$
 $E: (4, 15)$

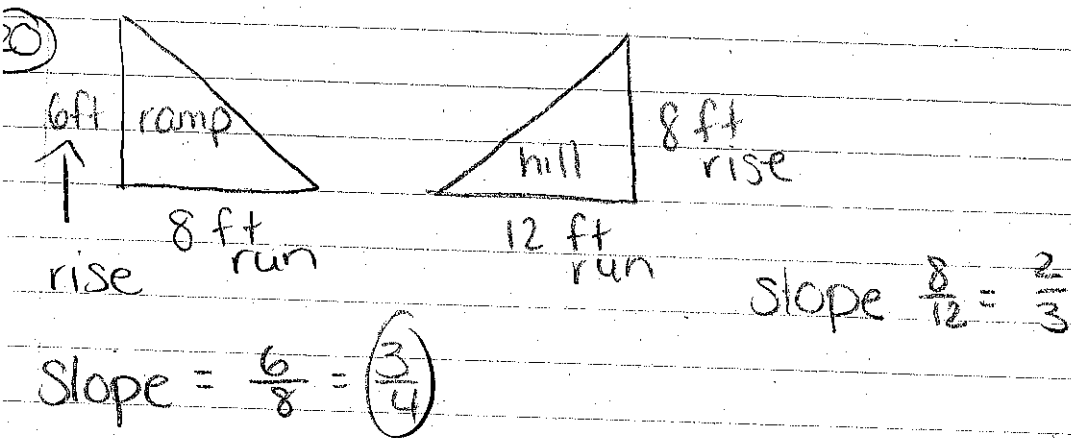
$$\frac{4-15}{10-4} = \left(\frac{-11}{6}\right)$$

18) $S: (-3, 6)$
 $E: (2, 6)$

$$\frac{6-6}{-3-2} = \frac{0}{-5} = 0$$



they subtracted in a different order each time



* the ramp, because it is steeper.

21)

x	1	3	5	7
y	2	10	18	26

rise $2-10 = -8$

run $1-3 = -2$

$$\frac{-8}{-2} = \frac{4}{1} = 4$$

* doesn't matter which two points you choose

(22)

x	-3	2	7	12
y	0	2	4	6

$\overbrace{7-12}^{\text{run}}$
 $\underbrace{4-6}_{\text{rise}}$

$$\frac{\text{rise}}{\text{run}} = \frac{4-6}{7-12} = \frac{-2}{-5} = \left(\frac{2}{5}\right)$$

(23)

x	-6	-2	2	6
y	8	5	2	-1

$\overbrace{-6-2}^{\text{run}}$
 $\underbrace{8-5}_{\text{rise}}$

$$\frac{\text{rise}}{\text{run}} = \frac{8-5}{-6-(-2)} = \frac{3}{-4} = \left(-\frac{3}{4}\right)$$

(24)

x	-8	-2	4	10
y	8	1	-6	-13

$\overbrace{-8-2}^{\text{run}}$
 $\underbrace{8-1}_{\text{rise}}$

$$\frac{\text{rise}}{\text{run}} = \frac{8-1}{-8-(-2)} = \frac{7}{-6} = \left(-\frac{7}{6}\right)$$

