Triangle Method Learning Log

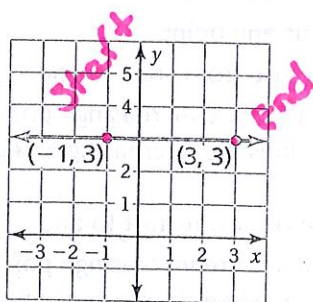| | |
|---|---|
| **Start** <br> (−4, 1) <br> (1, −2) **End** <br> −3 (going down) | 1. Choose two points on the line. <br> 2. Mark your start point <br> 3. Mark your end point <br> 4. Calculate rise from start to end ___−3___ <br>     If your values are increasing= pos <br>     If your values are decreasing = neg <br><br> 5. Calculate run from start to end ___5___ <br>     If your values are increasing= pos <br>     If your values are decreasing = neg <br><br> 6. Slope as a fraction (rise/run) <br> −3/5 |
| (2, 3) **End** 3 (going up) <br> (−2, 0) <br> **Start** 4 | 1. Choose two points on the line. <br> 2. Mark your start point <br> 3. Mark your end point <br> 4. Calculate rise from start to end ___3___ <br>     If your values are increasing= pos <br>     If your values are decreasing = neg <br><br> 5. Calculate run from start to end ___4___ <br>     If your values are increasing= pos <br>     If your values are decreasing = neg <br><br> 6. Slope as a fraction (rise/run) <br> 3/4 |
| **Start** <br> (1, −3) **End** 1 (going up) <br> (−5, −4) <br> 6 | 1. Choose two points on the line. <br> 2. Mark your start point <br> 3. Mark your end point <br> 4. Calculate rise from start to end ___1___ <br>     If your values are increasing= pos <br>     If your values are decreasing = neg <br><br> 5. Calculate run from start to end ___6___ <br>     If your values are increasing= pos <br>     If your values are decreasing = neg <br><br> 6. Slope as a fraction (rise/run) 1/6 |
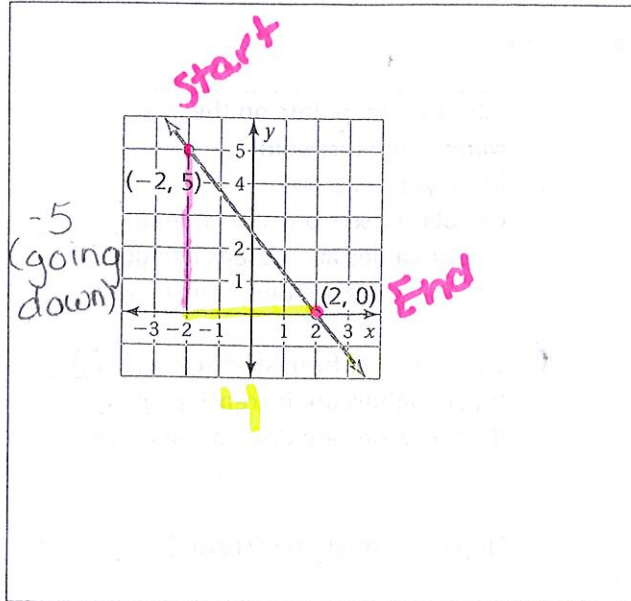
## Panel 1



**Start**

(−2, 5)

−5 (going down)

(2, 0) **End**

4

1. Choose two points on the line.
2. Mark your start point
3. Mark your end point
4. Calculate rise from start to end **−5**

   If your values are increasing= pos (going up)
   If your values are decreasing = neg (going down)

5. Calculate run from start to end **4**

   If your values are increasing= pos
   If your values are decreasing = neg

6. Slope as a fraction (rise/run)

_____

## Panel 2



**Start**

(1, 3)

rise −5 (going down)

(1, −2) **End**

no run

1. Choose two points on the line.
2. Mark your start point
3. Mark your end point
4. Calculate rise from start to end **−5**

   If your values are increasing= pos
   If your values are decreasing = neg

   neg
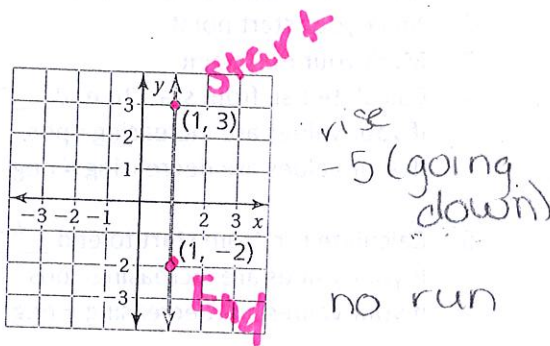
5. Calculate run from start to end **0 (none)**

   If your values are increasing= pos
   If your values are decreasing = neg

6. Slope as a fraction (rise/run)

**−5/0 (undefined – can't divide by 0)**

_____

## Panel 3



**start**   **end**

(−1, 3)   (3, 3)

1. Choose two points on the line.
2. Mark your start point
3. Mark your end point
4. Calculate rise from start to end **none (0)**

   If your values are increasing= pos
   If your values are decreasing = neg

   neg

5. Calculate run from start to end **4 the**

   If your values are increasing= pos
   If your values are decreasing = neg

6. Slope as a fraction (rise/run)

**0/4 = 0**