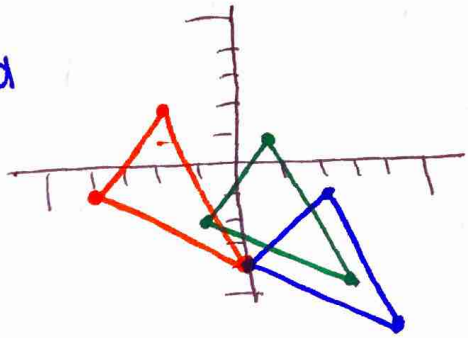
Translations

$(x, y) \rightarrow (x+1, y-2)$

original

right 1, down 2

* every pt. moved R1, D2



$(x, y) \rightarrow (x-3, y+1)$

original

L3 (left 3)

U1 (up 1)

a translation is a type of transformation, similar to "sliding" the graph/~~shape~~ shape

* description in words: includes (see blue & orange above)
  1. which direction
  2. how far

* point form: describing the rule for x & y (see pen color above)