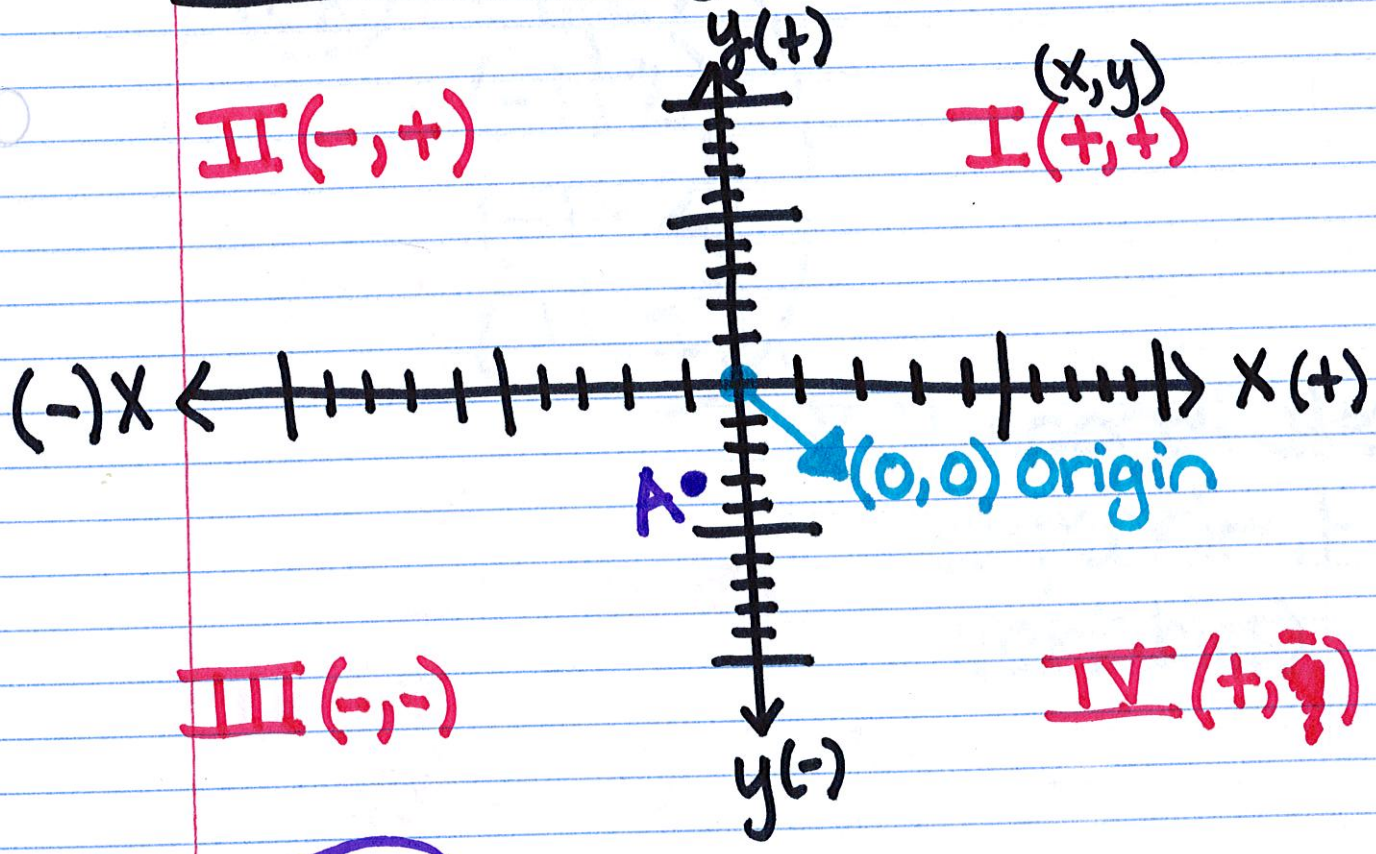
1-8 Graphs & Functions

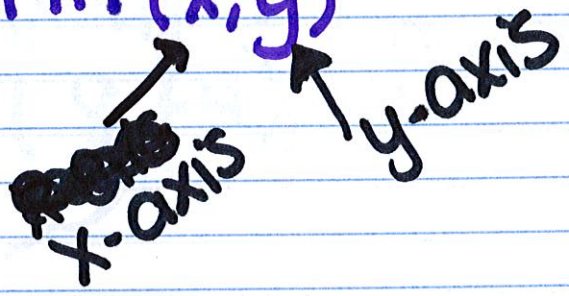
Function: a relationship btwn. one input & one output (x, y)

Coordinate System (Plane):



Graph A(-1, -3)

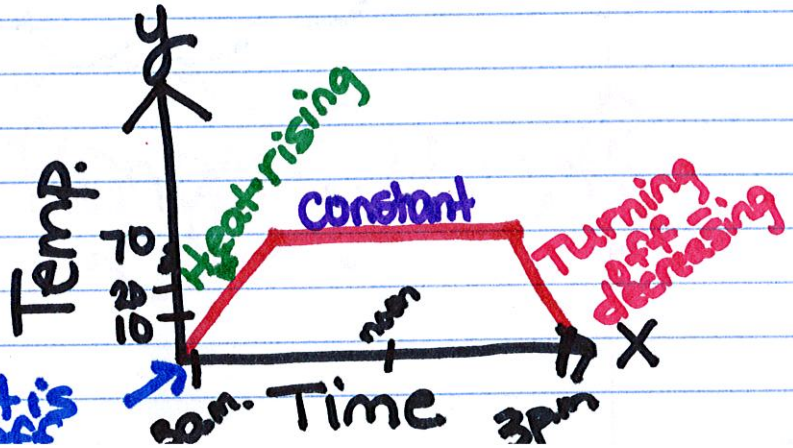
ordered pair: a set of coordinates in the form (x, y)

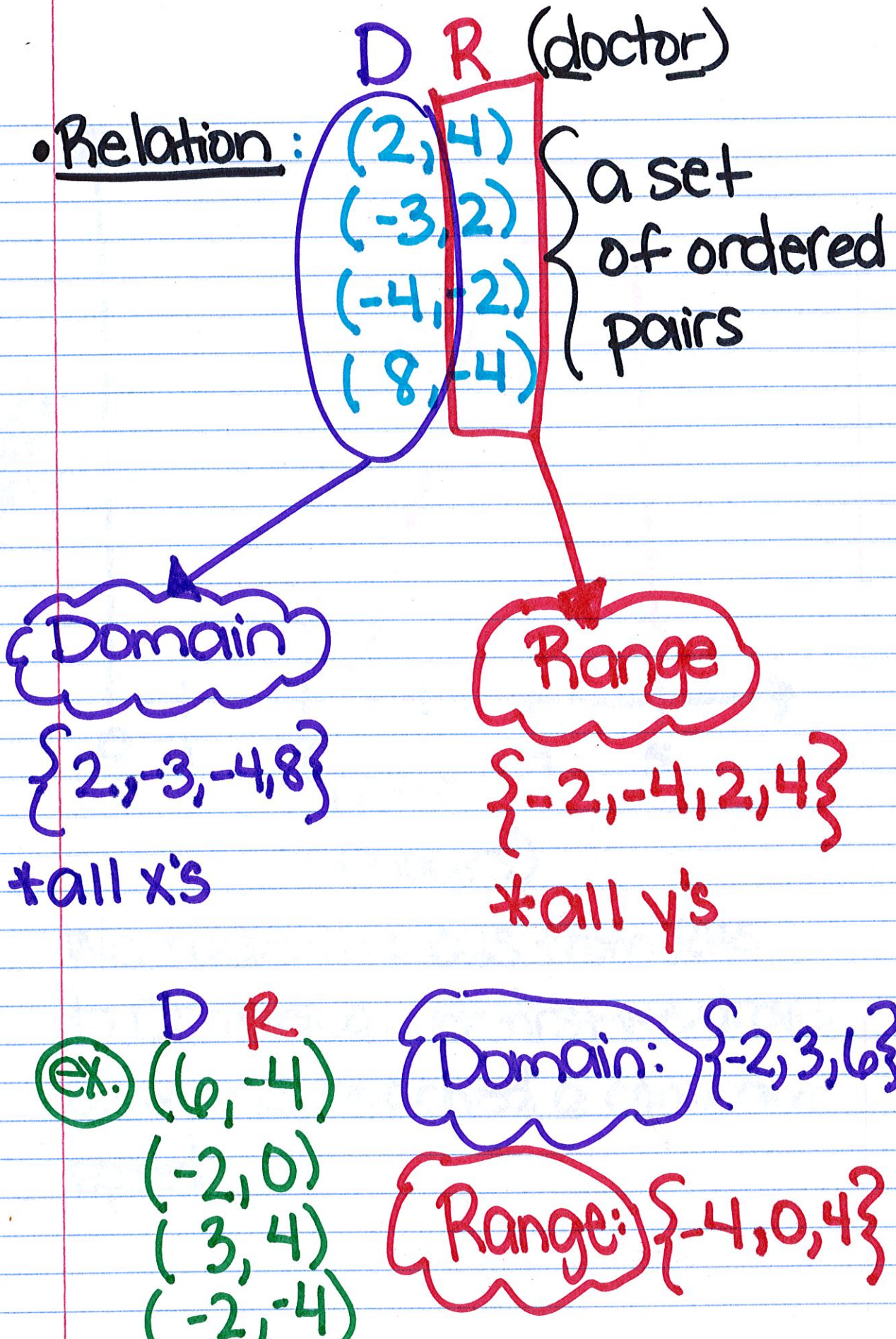


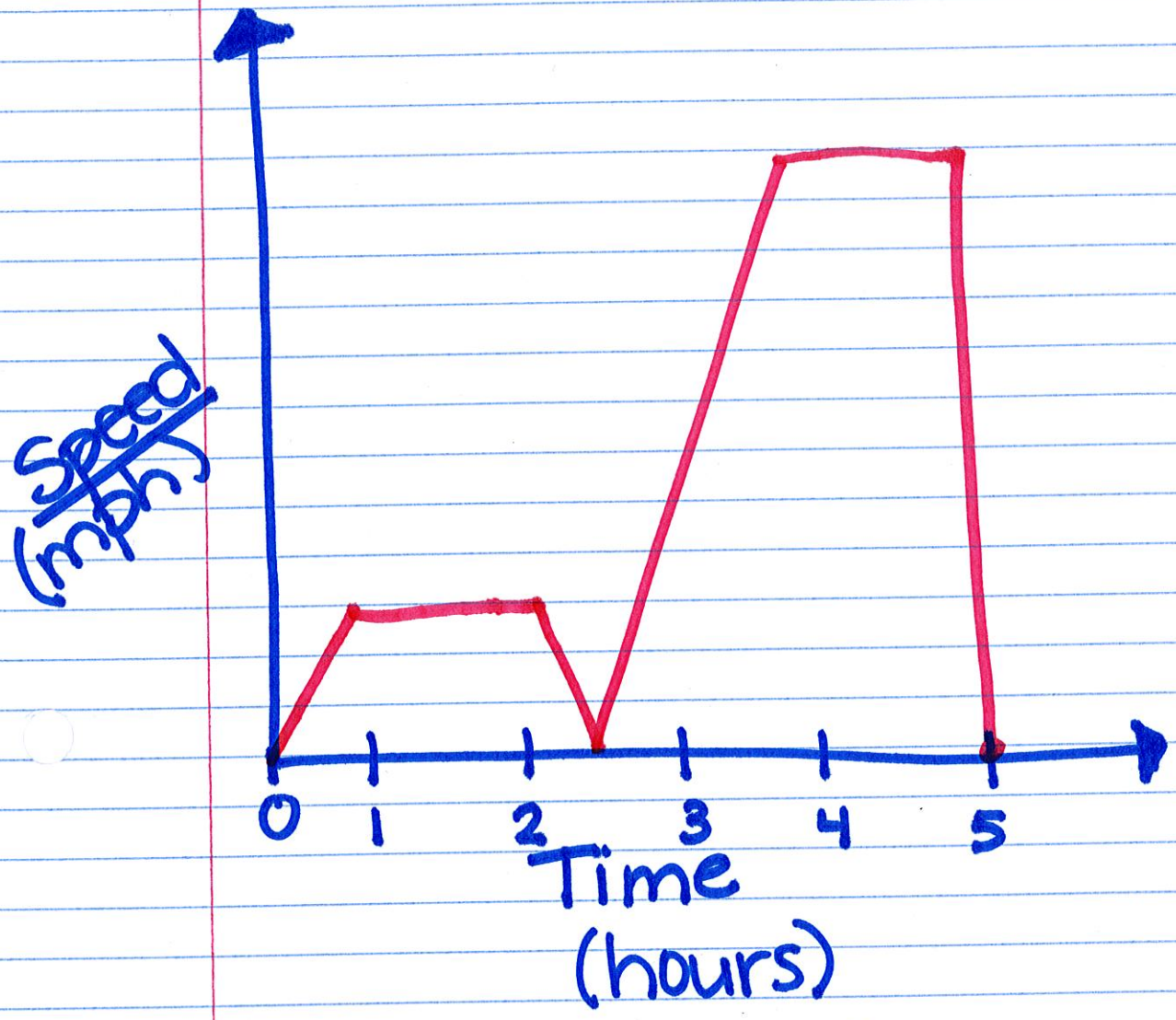
ex. (1, 2)
(-1, 2)
(-1, -2)
(1, 2)

y-coordinates (dependent variables)

x-coordinates (independent variables)




D R (doctor)
• Relation :
(2, 4)
(-3, 2)
(-4, -2)
(8, -4)
a set of ordered pairs
Domain
{2, -3, -4, 8}
*all x's
Range
{-2, -4, 2, 4}
*all y's
ex.
D R
(6, -4)
(-2, 0)
(3, 4)
(-2, -4)
Domain: {-2, 3, 6}
Range: {-4, 0, 4}



We rode the bus from RHS to Comerica. At first we drove slow and reached a constant speed.