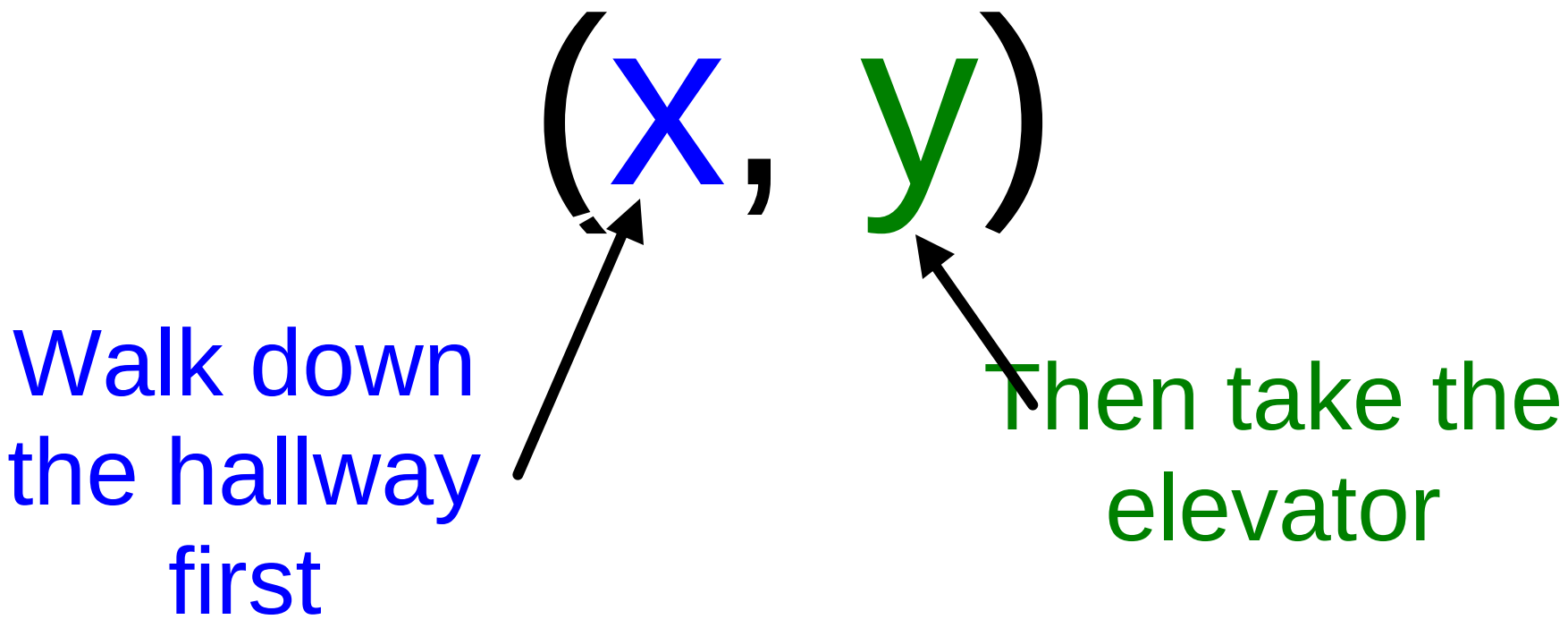
5+2=7 and 7-2=5

INVERSE OPERATIONS

4x3=12 and 12÷3=4

ORDERED PAIRS



Commutative Property

$$5 + 7 = 7 + 5$$

$$5 \times 7 = 7 \times 5$$

Associative Property

$$4+(2+7)=(4+2)+7$$

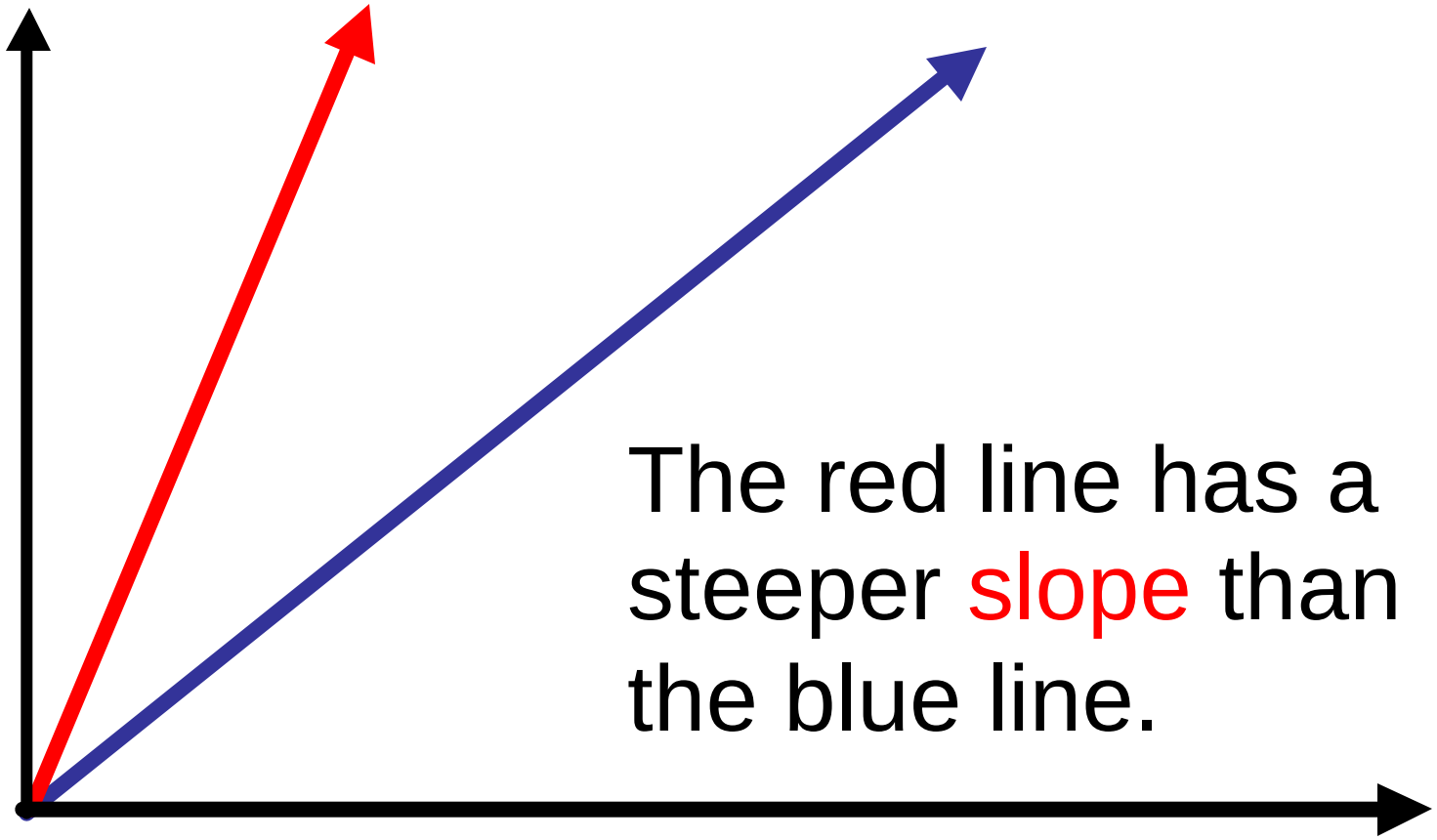
$$3^{x}(5^{x}9)=(3^{x}5)^{x}9$$

Distributive Property

$5(2+6)=5(2)+5(6)$

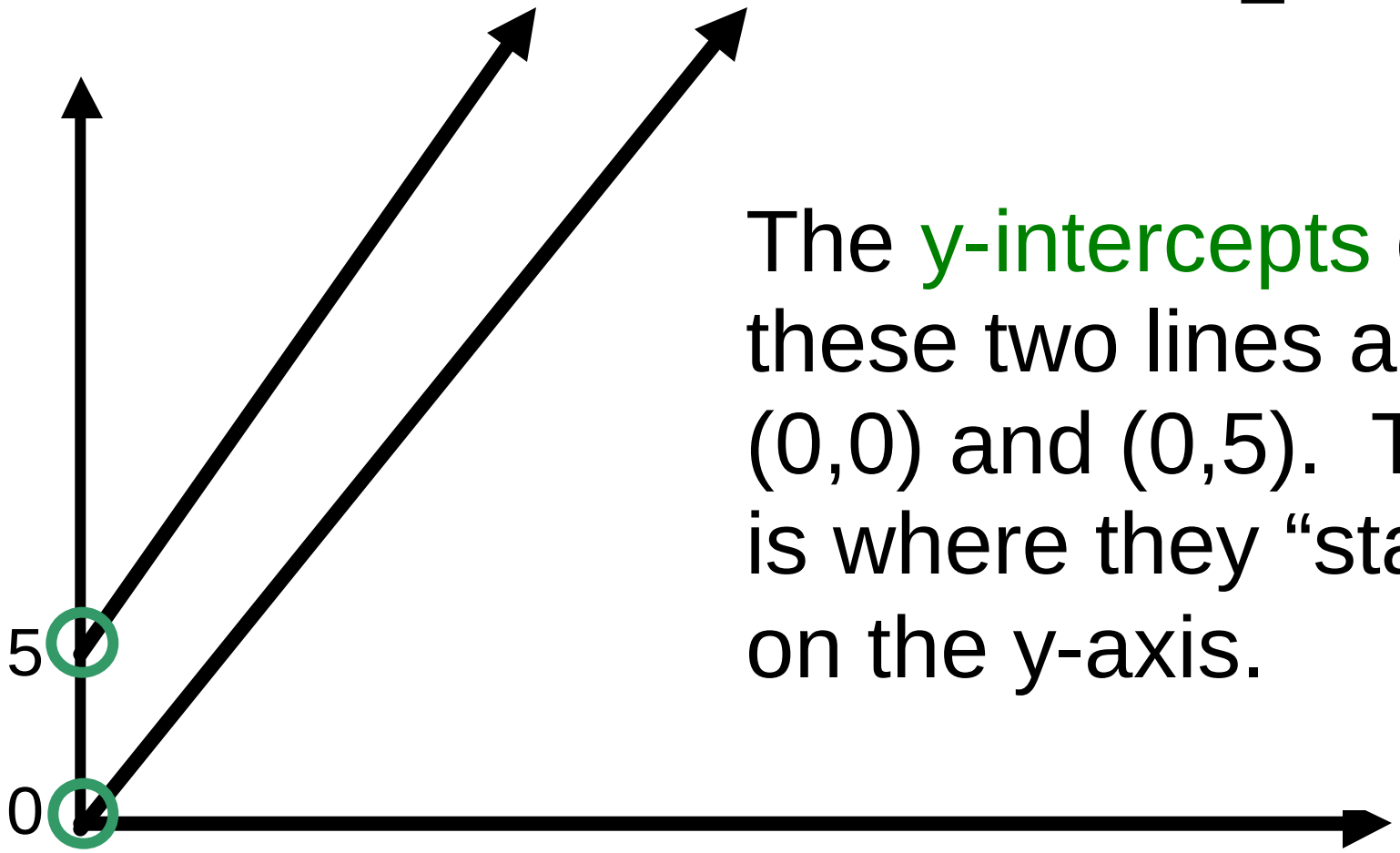
$3x8+4x8 = (3+4)x8$

Slope



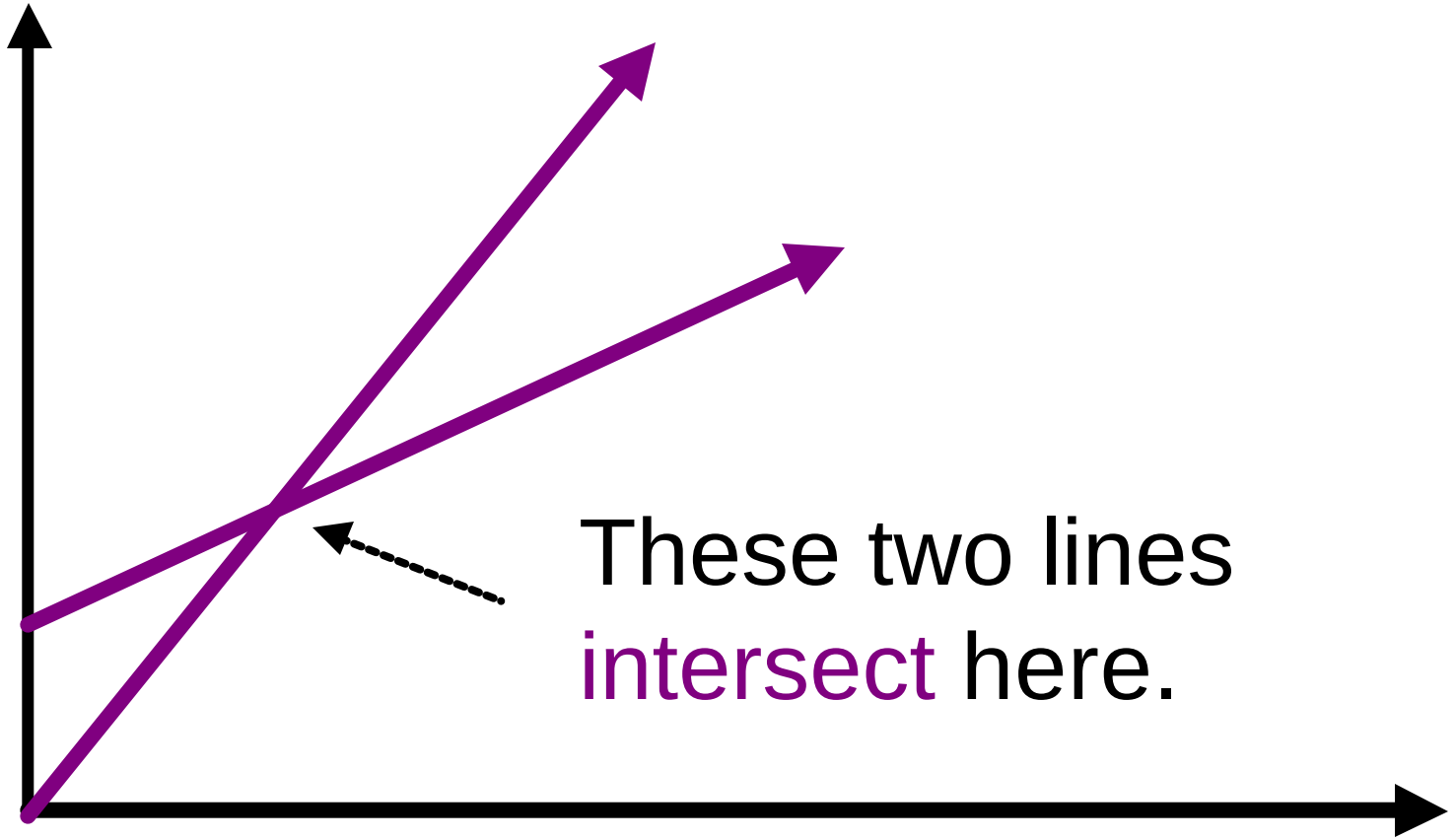
The red line has a steeper slope than the blue line.

Y-Intercept



The y-intercepts of these two lines are (0,0) and (0,5). This is where they “start” on the y-axis.

Intersect



Coefficient

$y = 5x + 2$

Constant

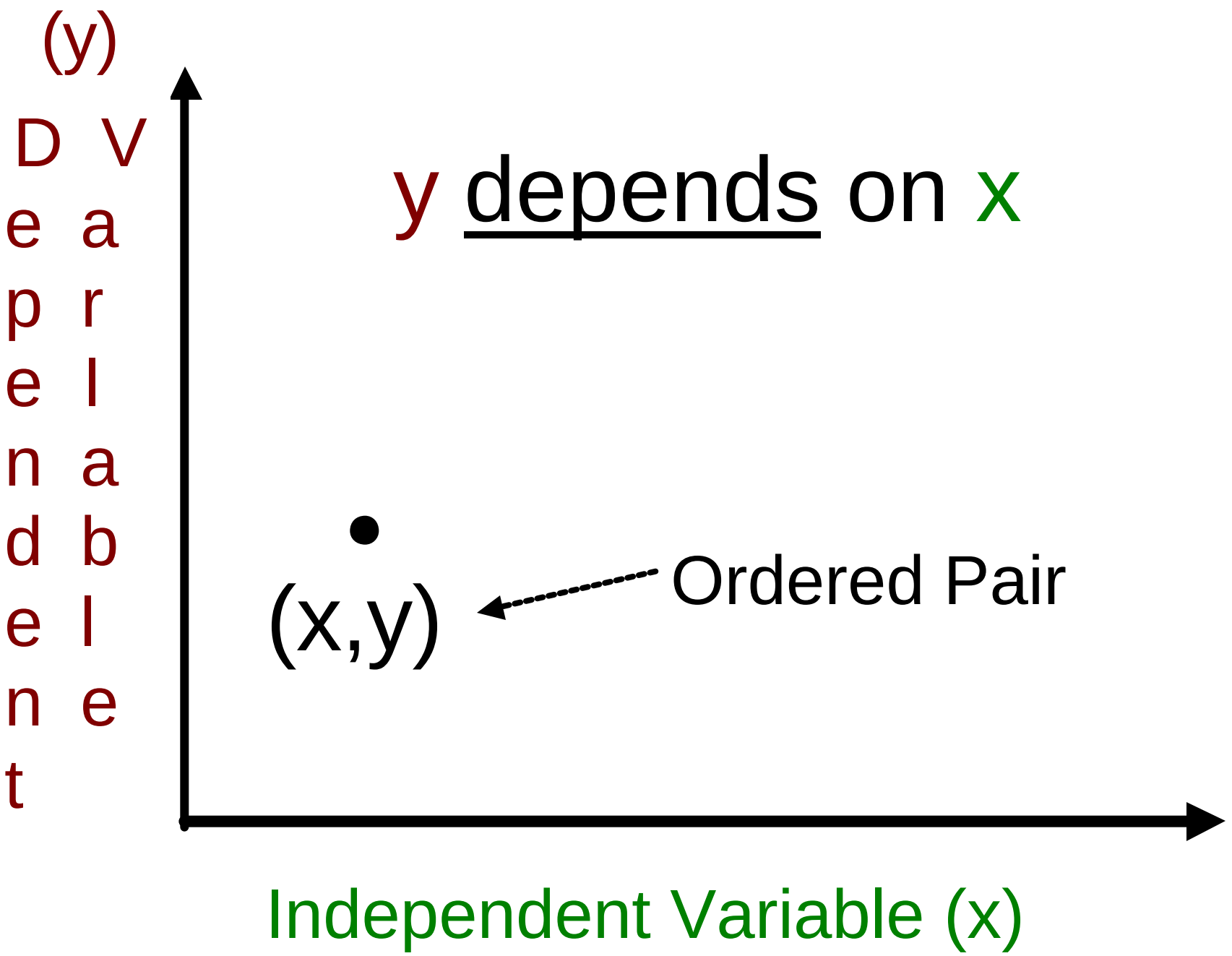
Independent Variable

$y = 5x + 2$

Dependent

Variable

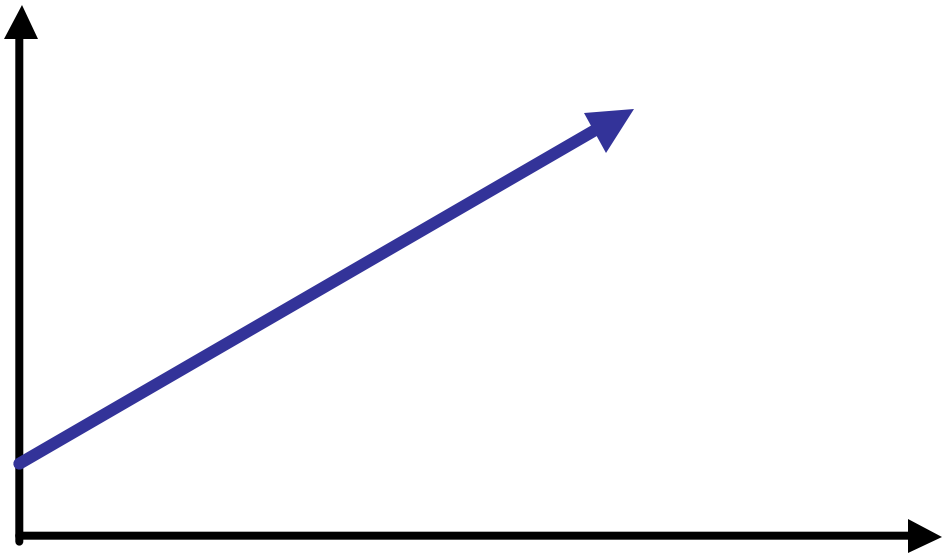
$y = 5x + 2$


(y)
Dependent Variable
y depends on x
(x,y)
Ordered Pair
Independent Variable (x)

Function

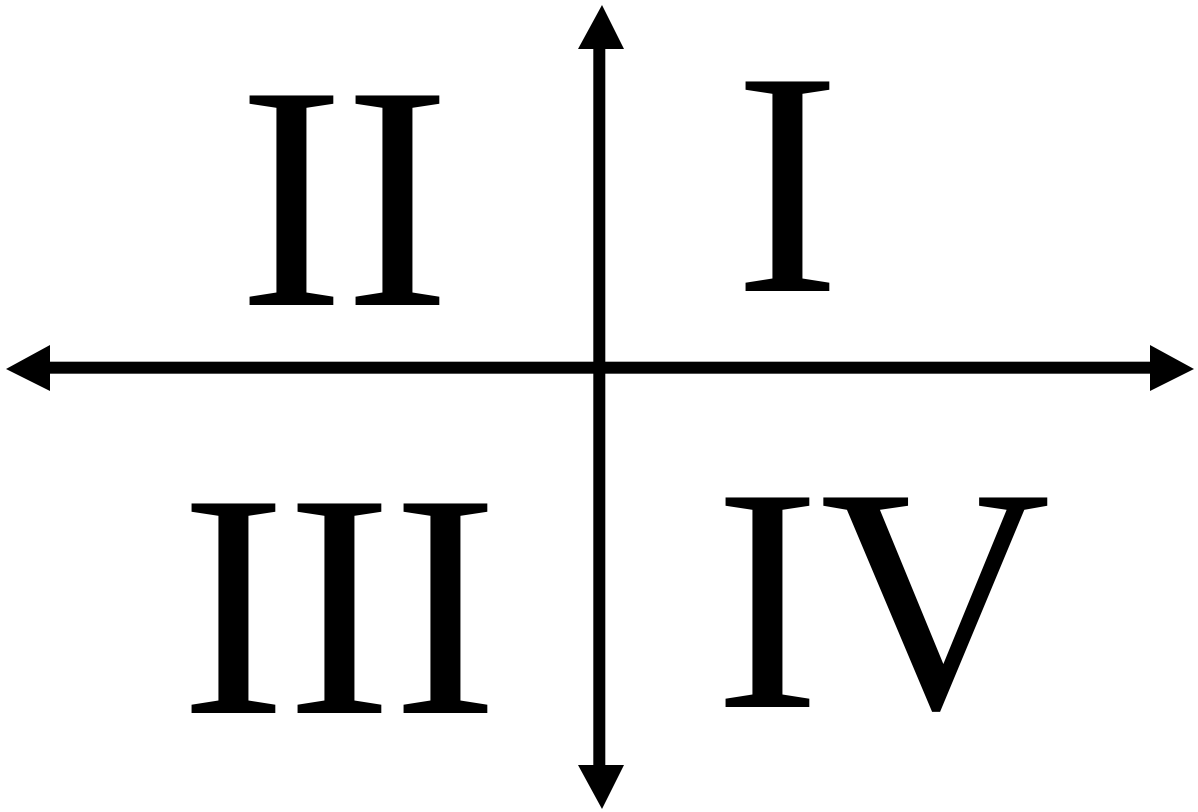
x	y
0	2
1	6
2	10
3	14
4	18
5	22
6	26
7	30

$$Y = 4x + 2$$

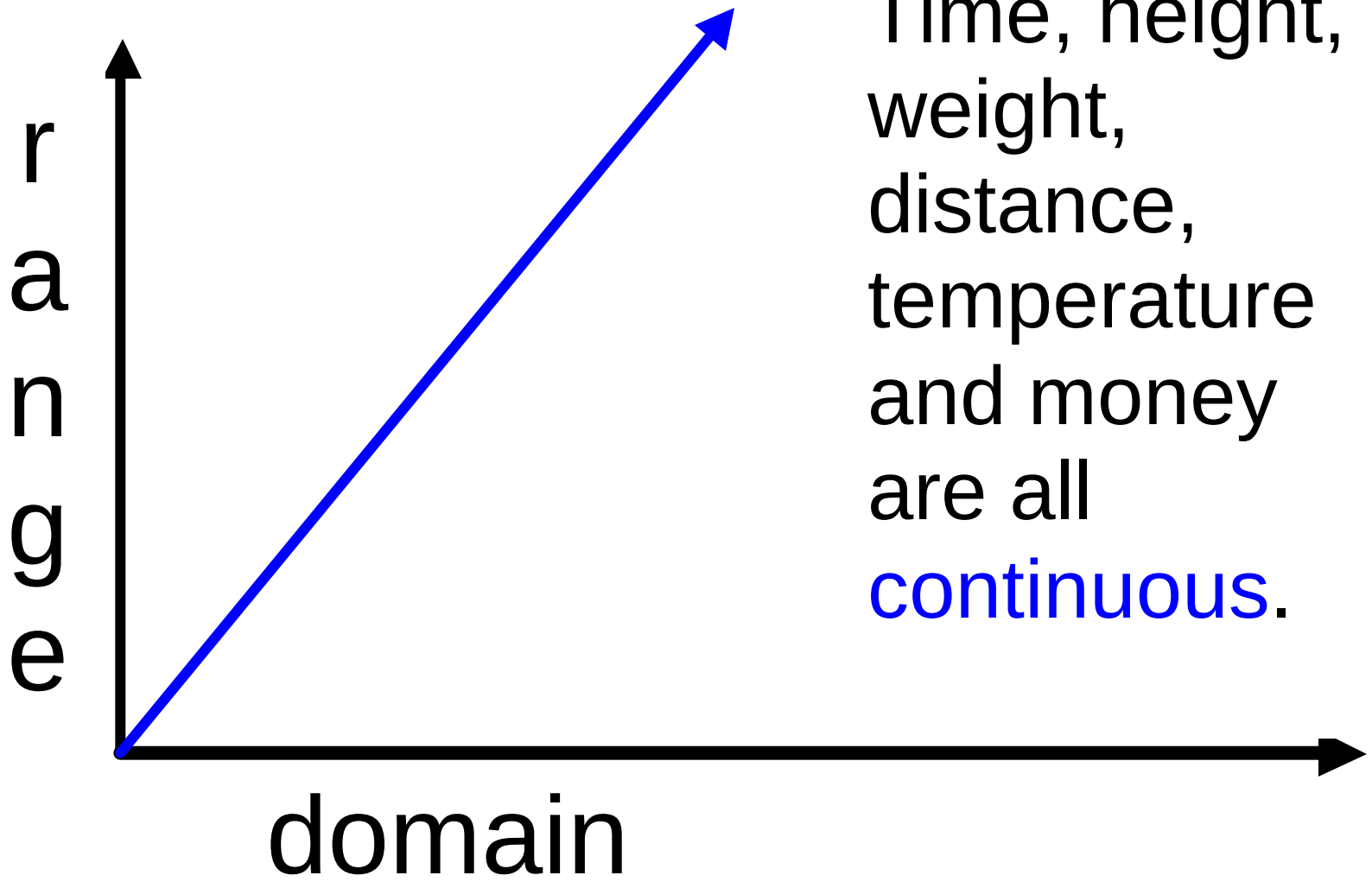


Origin

Coordinate Graphing

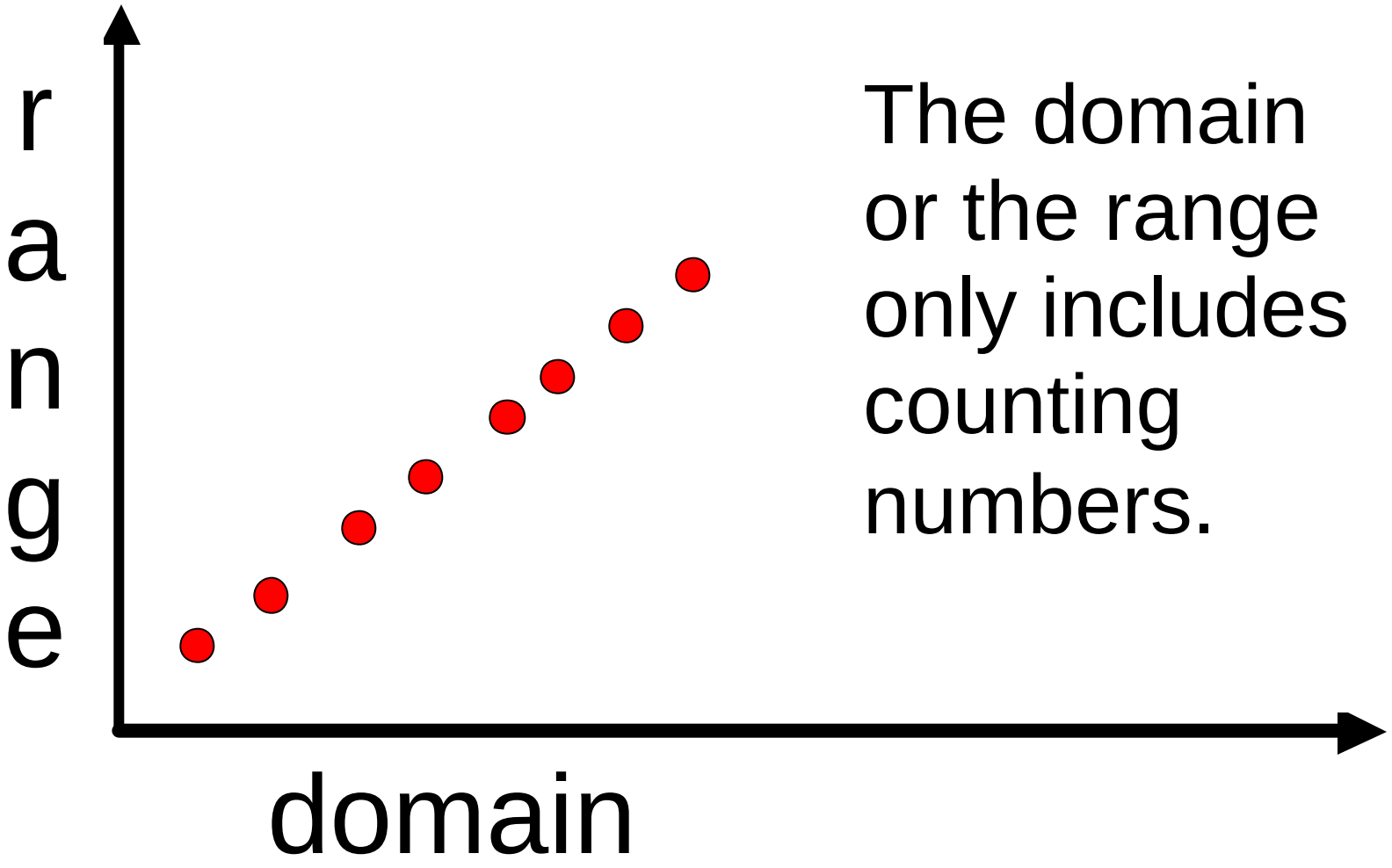


Continuous



Time, height, weight, distance, temperature and money are all continuous.

Discrete Data



The domain or the range only includes counting numbers.