

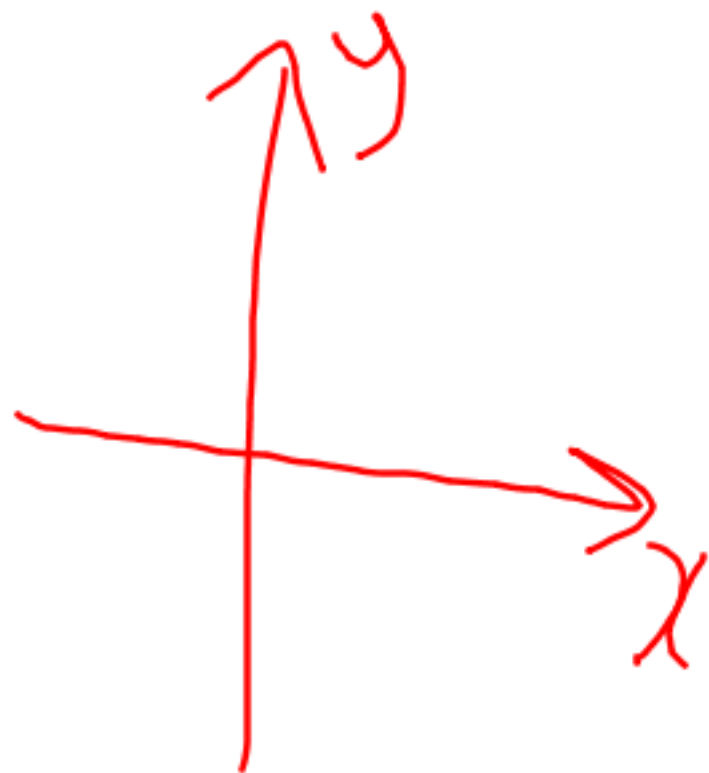
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April 16

x y

2. $(2, 6)$ $(3, 9)$ $(5, 15)$ $(8, 24)$

domain: $2, 3, 5, 8$
 x -values



range
 y -values $6, 9, 15, 24$

4. $(4, 9)$ $(5, 9)$ $(7, 9)$ $(21, 9)$

domain: $4, 5, 7, 21$

range: 9

6.

x	y
2	2
1	3
0	4
-1	5
-2	6

$$x + y = 4$$

The sum of the coordinates is four.

$$\text{Domain} = 2, 1, 0, -1, -2$$

$$\text{range} = 2, 3, 4, 5, 6$$

table of values

ordered pairs

9. $s - t = 3$

s	t	$2 - (-1)$
4	1	(4, 1)
3	0	(3, 0)
2	-1	(2, -1)
1	-2	(1, -2)
0	-3	(0, -3)

domain minus range
equals three

the difference of the
coordinates is three

domain: 4, 3, 2, 1, 0

range: 1, 0, -1, -2, -3

10.

$$y = 4x + 2$$

$$4(2) + 2$$

$$4(1) + 2$$

x	y
2	10 (2, 10)
1	6 (1, 6)
0	2 (0, 2)
-1	-2 (-1, -2)
-2	-6 (-2, -6)

$$4(-1) + 2$$

domain: 2, 1, 0, -1, -2

range: 10, 6, 2, -2, -6

13. $y = -x - 2$

x	y
-4	2
-3	1
-2	0
-1	-1
0	-2

$$-(-4) - 2$$

$$-(-3) - 2$$

$$-(-2) - 2$$

$$-(-1) - 2$$

$$-(0) - 2$$

domain

range: 2, 1, 0, -1, -2

$$-4, -3, -2, -1, 0$$

14. $x + y = 8$

a) $(1, 7)$

c) $(-5, 13)$

d) $(10, -2)$

15 a) $x - y = 2$
 $-3 - (-5) = 2$

$(5, 3)$

c) $(-3, -5)$

e) $(2, 0)$

16. find 5 ordered pairs for

$$x + y = 11$$

x	y	
2	9	(2, 9)
1	10	(1, 10)
0	11	(0, 11)
-1	12	(-1, 12)
-2	13	(-2, 13)

19. $y = 2x - 7$

x	y
2	3
1	5
0	7
-1	9
-2	11

20.

x	y
1	8
2	7
3	6
4	5

$$x + y = 9$$

25.

Time (h)

Distance (km)

1

80

(1, 80)

2

160

(2, 160)

3

240

(3, 240)

4

320

(4, 320)

5

400

(5, 400)

6

480

(6, 480)

Distance =

Speed times

Time

$$D = ST$$



homework:

1st BOX

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