A #14 pg 209 #1-27

1.) (5, -3)
x-coord 5
y-coord -3

2.) (-, +) or (+, -)
You can't tell whether it is II or IV quadrant.

3.) (3, -2) A

4.) B(0, -1)

5.) C (4, 4)

6.) D (-4, 3)

7.) E (4, -1)

8.) F(3, 0)

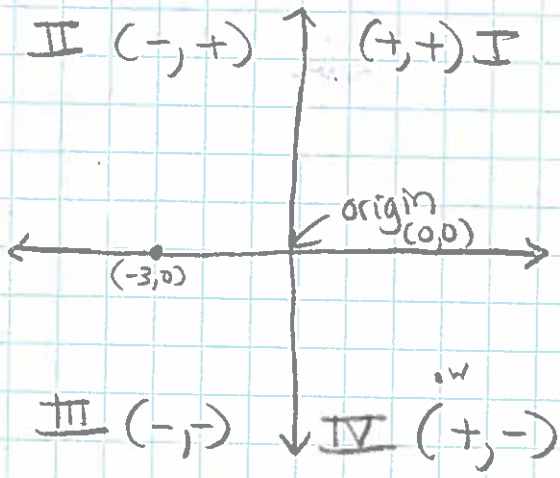
9.) G(-5, 4)

10.) H (-3, -2)

11.) J (-4, -1)

12.) k (-1, 2)

13.) A point is located 3 units to the left of origin and 6 units up.
(-3, 6) (B)
↓ left ↓ up



14.) P(5, 5)
(+, +)
Quadrant I

15.) Q(-1, 5)
Quadrant II
(-, +)

16.) R(-3, 0)
x-axis

17.) S(0, 0)
origin

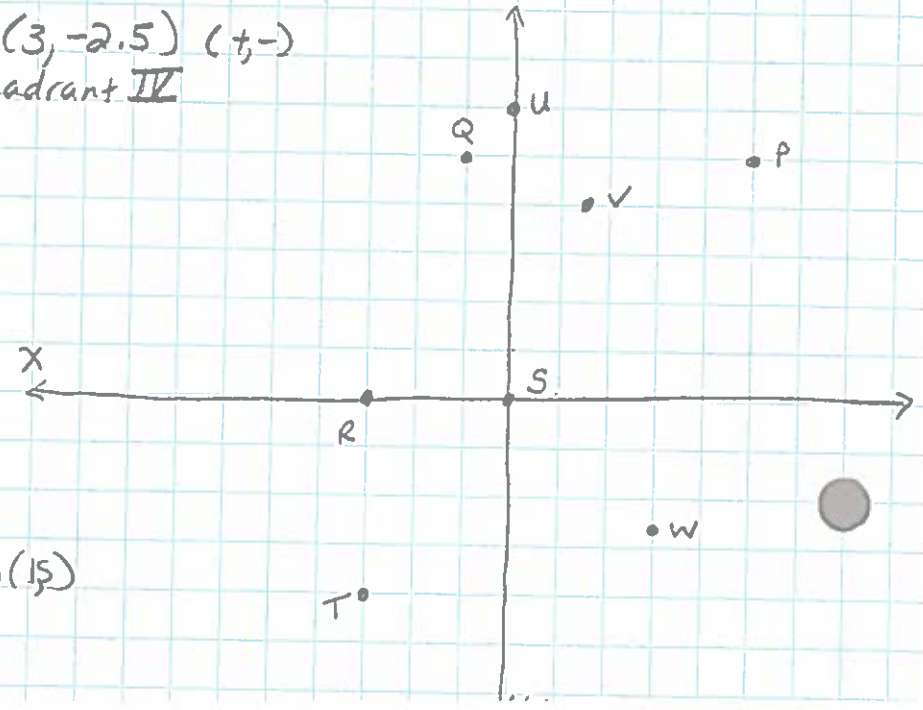
18.) T(-3, -4) (-, -)
Quadrant III

19.) U(0, 6)
y-axis.

20.) V(1.5, 4)
quadrant I (+, +)

21.) W(3, -2.5) (+, -)
Quadrant IV

22.) W(6, -6)
↓ right ↓ down
The example says to do the opposite



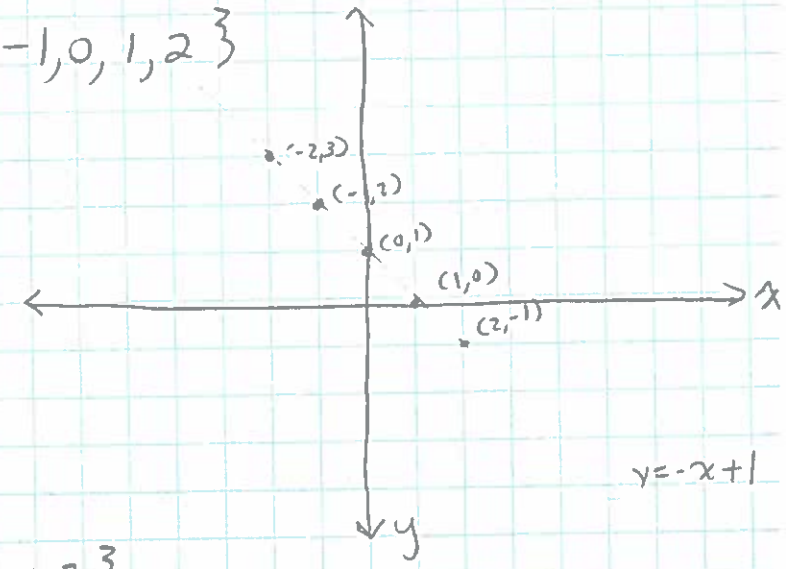
23.) Range → y-values
points (-2, -1) (-3, -3) (-1, 1) (0, 3) (1, 5)
B -1 is a range value

Graph + Identify the range

24.) $y = -x + 1$ domain $\{-2, -1, 0, 1, 2\}$

domain x	Range $y = -x + 1$	Solution (x, y)
-2	$y = -(-2) + 1$, $y = 3$	$(-2, 3)$
-1	$y = -(-1) + 1$, $y = 2$	$(-1, 2)$
0	$y = -0 + 1$, $y = 1$	$(0, 1)$
1	$y = -1 + 1$, $y = 0$	$(1, 0)$
2	$y = -2 + 1$, $y = -1$	$(2, -1)$

range $\{3, 2, 1, 0, -1\}$

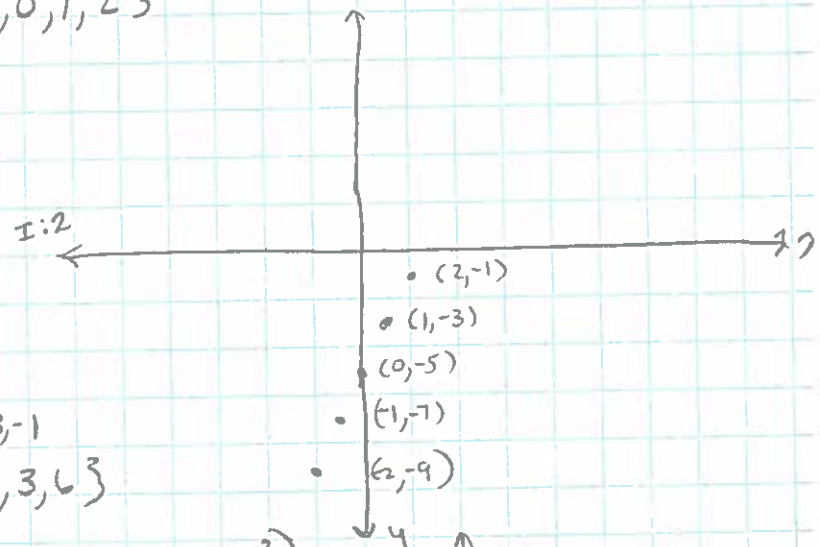


$y = -x + 1$

25.) $y = 2x - 5$ domain $\{-2, -1, 0, 1, 2\}$

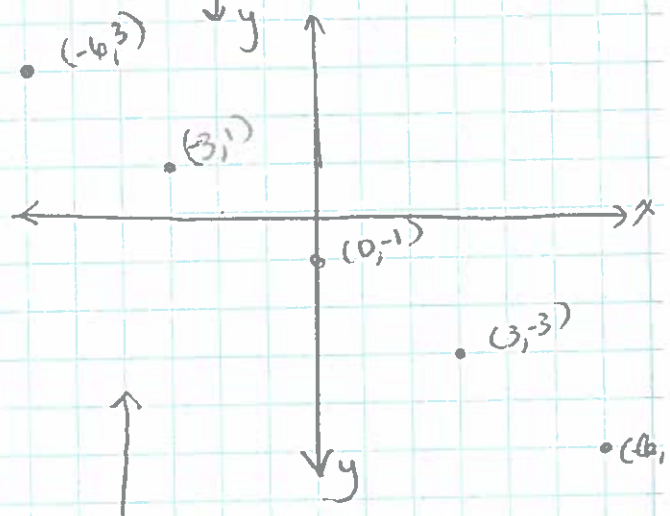
x	$y = 2x + (-5)$	(x, y)
-2	$y = 2(-2) + (-5)$	$(-2, -9)$
-1	$y = 2(-1) + (-5)$	$(-1, -7)$
0	$y = 2(0) + (-5)$	$(0, -5)$
1	$y = 2(1) + (-5)$	$(1, -3)$
2	$y = 2(2) + (-5)$	$(2, -1)$

range $\{-9, -7, -5, -3, -1\}$



26.) $y = -\frac{2}{3}x - 1$ domain $\{-6, -3, 0, 3, 6\}$

x	$y = -\frac{2}{3}x + (-1)$	(x, y)
-6	$y = -\frac{2}{3} \cdot \frac{-6}{1} + (-1)$	$(-6, 3)$
-3	$y = -\frac{2}{3} \cdot (-3) + (-1)$	$(-3, 1)$
0	$y = -\frac{2}{3}(0) + (-1)$	$(0, -1)$
3	$y = -\frac{2}{3} \cdot 3 + (-1)$	$(3, -3)$
6	$y = -\frac{2}{3} \cdot 6 + (-1)$	$(6, -5)$



27.) $y = \frac{1}{2}x + 1$ domain $\{-6, -4, -2, 0, 2\}$

x	$y = \frac{1}{2}x + 1$	(x, y)
-6	$y = \frac{1}{2}(-6) + 1$	$(-6, -2)$
-4	$y = \frac{1}{2}(-4) + 1$	$(-4, -1)$
-2	$y = \frac{1}{2}(-2) + 1$	$(-2, 0)$
0	$y = \frac{1}{2}(0) + 1$	$(0, 1)$
2	$y = \frac{1}{2}(2) + 1$	$(2, 2)$

range $\{-2, -1, 0, 1, 2\}$