

Redo Chapters 3

Answers

1. $y = |-4x + 3|$

x	y
-10	43
-3	15
0	3
7	25

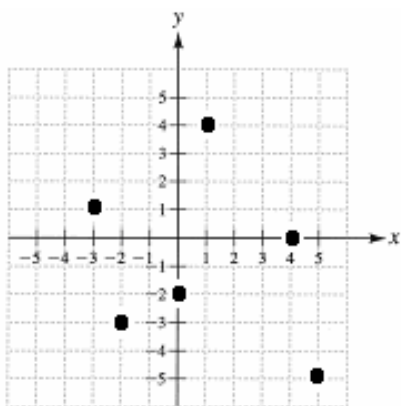
2. $y = x - 5.3$

x	y
-4	-9.3
-1	-6.3
1	-4.3
5	-.3

3. $y = (x+3)(2x-5)$

x	y
-4	13
0	-15
1	-12
4	21

4.



5. Domain: $\{-2, 1, 0, -3, 5, 4\}$

6. Range: $\{-3, 4, -2, 1, -5, 0\}$

7. a) III

b) I

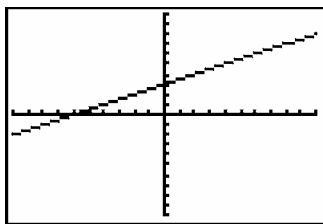
c) II

d) IV

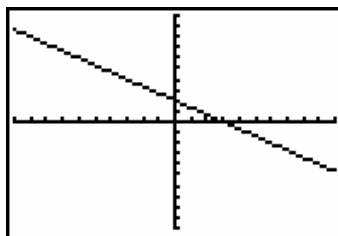
- 8 . a. 5
b. -25
c. $-2a - 13$

9. a. -3
b. $3n$

10a.



10b.



11. a. Yes
b. All real #'s
c. All real #'s

12. a. No
b. all real #'s ≤ 1
c. all real #'s

13. a. Yes
b. All real #'s
c. all real #'s ≥ -4

14. $c(x) = 17.95 + 2.50(x)$
\$30.45

15. $c(x) = 500 + 375x$
\$3500

16. $c(x) = 1125x - 575$
\$12,925