

Pg 261 #1-11, 13-17

1. input variable: x ; output variable: y

3. What output is twice the sum of the input 3 and 4?

$$2(3 + 4) = 14;$$

$$2(3) + 4 = 10$$

5. $y = x + 7$

7. $y = \frac{1}{2}x$

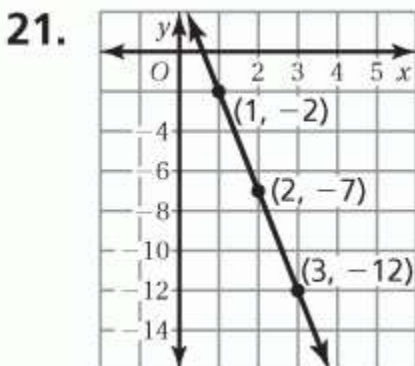
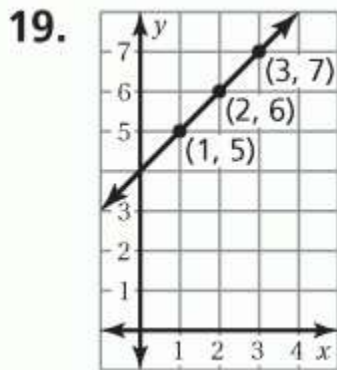
9. $y = x - 3$

11. $y = 6x$

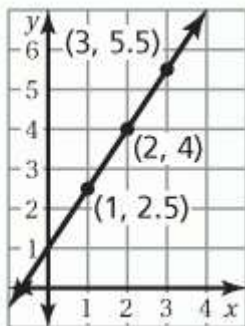
13. 8

15. -17

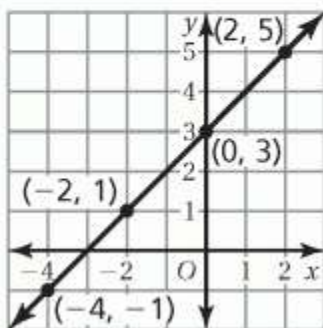
17. 54



23.



25. The order of the x - and y -coordinates is reversed in each coordinate pair.



27. B

29. A

31. -4

33. a. $P = 3.50b - 84$

b. independent variable: b ;
dependent variable: P ; The
profit depends on the number of
bracelets sold.

c. 24 bracelets

35. a. $G = 35 + 10h$

b. $S = 25h$

c. Snake Tours; For 2 hours, Gator
Tours cost \$55 and Snake Tours
cost \$50.