

Algebra I (Lesson 3.3) Day 2

10. Independent: HD TV's

Dependent: money

$$f(x) = 1200x + 90$$

$$f(3) = 1200(3) + 90$$

$$= \boxed{3690 \text{ dollars}}$$

12. Independent: computers

Dependent: money

$$f(x) = 600x$$

$$f(68) = 600(68)$$

$$= \boxed{40,800 \text{ dollars}}$$

14. $f(x) = 7x + 55$

D: $\{0, 1, 2, 3\}$

R: $\{55, 62, 69, 76\}$

16. $f(x) = 5x + 10$

D: $\{1, 2, 3\}$

R: $\{15, 20, 25\}$

18. $f(x) = 3x + 20$

D: $\{1, 2, 3, 4\}$

R: $\{23, 26, 29, 32\}$

21. D: $\{2, 4, 6, 8\}$

Those are the x -values that give
those specific y -values.