

HW 2.5 #s 7-12 all, 13-19 odds and 20

7. $C = 3.57p$

8. $f = \frac{h}{12}$

9. $y = x + 2$

10. $V = (d + 1)^3$

11. dependent, a ; independent, b

12. You can't add holes and minutes. The correct rule is $t = 15n$.

13. Continuous; side length and area can be any positive real numbers.

15. Answers may vary. Sample: The rule covers all values, whereas the table only represents some of the values.

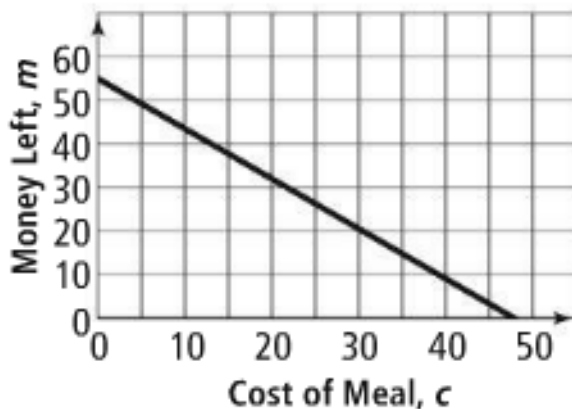
17. $d = -3.5 - 1.8s$; -435.5 m

19. a.

Cost of Meal	\$15	\$21	\$24	\$30
Money Left	\$37.75	\$30.85	\$27.40	\$20.50

b. $m = 55 - 1.15c$

c.



20. a. $b = 42.95d + 45.60$

b. \$432.15