

## Check Your Understanding (p. 200, p. 203):

11. a.

Time Since Leaving Home (min.)	Lee's Distance from Home (ft)
0	0
1	240
2	480
3	720
4	960
5	1,200

b.  $d = 240m$

c. 3,600 ft

12. a.  $d = 50m$ 

b. 3,000 ft

13. a.  $b = 3m$ 

b. 72 books

24.

Time (min.) that Archie has been crawling	0	1	2	3	4	5
Distance Archie has traveled (ft)	0	7.5	15	22.5	30	37.5

25.  $d = 7.5m$

26. 900 ft

27. 15 minutes

28. 157.5 ft

29. a.

Week	Total Spent (\$)
0	0
1	5
2	10
3	15
4	20

b.  $d = 5w$

c.  $d = 5(6) = 30$

d. \$7

30. a. She walks at a rate of 4 mph.

b. How many miles she has walked after 32 hours.

31. a.

Hours	Miles
5	100
6	120
7	140
8	160
9	180
10	200

b.  $m = 20h$

c.  $m = 20 + 400$

d. 20 miles