Chapter 6 Practice Test

1. C **2.** B **3.** C **4.** 2.5 **5.** 4.5

6. a)

Term, n	Value, v
1	−2
2	−6
3	−10
4	−14
5	−18

b) $v = -4n + 2$; Example: $-14 = -4(4) + 2$ **c)** −42

7. a) $32 **b)** No, because you cannot add part of a topping

8. a) Example:
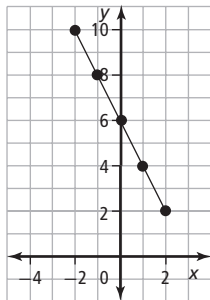
x	y
−2	10
−1	8
0	6
1	4
2	2

b) Example:
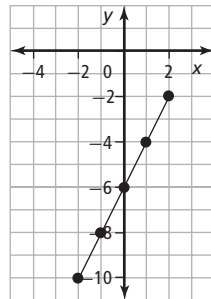
x	y
−2	−10
−1	−8
0	−6
1	−4
2	−2

c) Example:
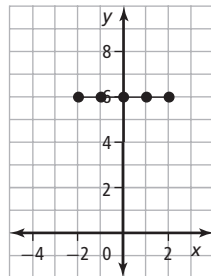
x	y
−2	6
−1	6
0	6
1	6
2	6

9. Look for at least one similarity and one difference. Examples:
Similarities:
• For graphs a) and c), the value of y when $x = 0$ is the same.
Differences:
• The direction and slope of the lines are different for each graph.
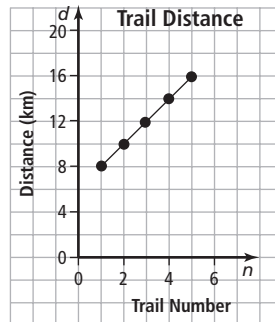
Answers

Chapter 6 Practice Test

10. a)

Trail Number, n	Distance, d (km)
1	8
2	10
3	12
4	14
5	16

b) $d = 2n + 6$

c)

d) 18 km