

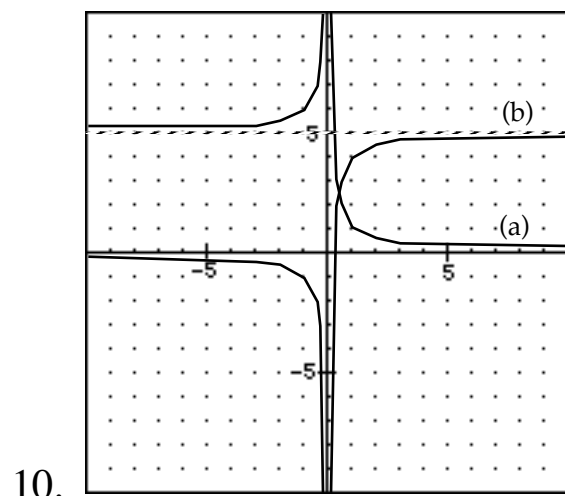
Problem Set 38 — Even Answers

2. 720 km

4. 30 peppers, 40 tomatoes

6. $V = 150\sqrt{3} \text{ cm}^3$
 $\approx 259.808 \text{ cm}^3$

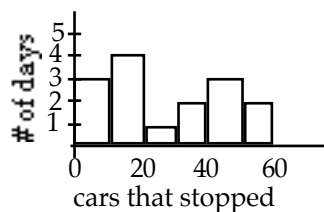
8. $A = 5\sqrt{2}$



12. D: $\{x \in \mathfrak{R} \mid x \geq 0\}$
 R: $\{y \in \mathfrak{R} \mid y \geq -5\}$

14. a, c

16. 0	6 9 9	
1	2 5 7 9	
2	7	0 6 = 6
3	3 6	1 2 = 12
4	6 7 8	
5	3 5	



18. $x = -2, -1$

20. $x = -12 \pm \sqrt{2}$
 $\approx -13.414, -10.586$

22. $\frac{73}{21}$

24. $\frac{2m + cms + 2c}{2 + cs}$

26. $2 \sqrt[4]{12} + 2 \sqrt[4]{2}$

28. $x(1 + 4y)$

30. $x = -\frac{17}{2}$