

Lesson 1.6

Homework Answers

p. 46, #1-15 odd, 19-41 odd, 44, 48, 62, 66, 68

1. 6

3. 8

5. 23.3

7. 25

9. 12.0

11. about 4.5 mi

13. 6.4

15. 15.8

19. (3, 1)

21. (6, 1)

23. $\left(3\frac{7}{8}, -3\right)$

25. (5, -1)

27. (12, -24)

29. (5.5, -13.5)

31. (4, -11)

33. 5.8; (1.5, 0.5)

35. 5.4; (-2.5, 3)

37. 2.8; (-4, -4)

39. 5.4; (3, 0.5)

41. IV

44. 19.2 units; (-1.5, 0)

48. 165 units; The dist. $TV < \text{dist. } TU$, so the airplane should fly fm T to V to U for the shortest route.

62. 6.5 units

66. A

68. A