

Answer Key

Practice B

1. $\sqrt{29} \approx 5.39$; $(5, -\frac{1}{2})$
2. $\sqrt{157} \approx 12.53$; $(1, \frac{1}{2})$
3. $\sqrt{13} \approx 3.61$; $(-\frac{7}{2}, -1)$
4. $2\sqrt{13} \approx 7.21$; $(2, -2)$
5. $\sqrt{81.64} \approx 9.04$; $(0.4, 3)$
6. $\sqrt{17} \approx 4.12$; $(\frac{1}{6}, 4)$ 7. scalene
8. isosceles 9. scalene 10. $y = 3x - 9$
11. $y = \frac{3}{2}x + \frac{21}{4}$ 12. $y = x + 4$ 13. 0, 4
14. -1, 15 15. about 166 miles 16. about 0.74 hours or 44 minutes 17. about 74 miles
18. about 14.8 hours