

SM3—5.8 answers

1. $x \approx 290.4$ feet
2. $x \approx 30.5$ feet
3. $x \approx 539.5$ meters
4. $x \approx 10.1$ miles, $y \approx 13.6$ miles
5. $x \approx 47.3$ feet
6. $x \approx 1.8$ km
7. $x \approx 100$ feet
8. $x \approx 28.9$ feet
9. $x \approx 76.1$ meters
10. $x \approx 93.2^\circ$
11. $x \approx 14.0$ feet
12. $x \approx 345.6$ miles
13. $x \approx 0.75$ miles
14. $x \approx 19.3$ feet
15. $x \approx 24.1$ meters
16. $x \approx 214.4$ yards
17. $x \approx 54.7$ miles