

# Answer Key

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## Chapter 11

### Lesson 11.4

### Practice A

1. F   2. D   3. C   4. B   5. A   6. E
7.  $12\pi$  in.   8.  $16\pi$  cm   9. 13 in.   10. 20 cm
11.  $3.5\pi$  in.   12.  $4\pi$  ft   13.  $3\pi$  cm
14. a. about 18.85 ft/2 rev.  
b. about 94.25 ft/10 rev.
15. a. about 14.66 ft/2 rev.  
b. about 73.30 ft/10 rev.
16. a. about 10.47 ft/2 rev.  
b. about 52.36 ft/10 rev.
17. a. about 29.32 ft/2 rev.  
b. about 146.61 ft/10 rev.
18. about 23.56 cm   19. 90 in.   20. 36 in.