

## Answers to Even-Numbered Exercises

### Exercises 6.1

2. The consumer surplus is 7.5 and the producer surplus is 5.
4.  $q_e = 600$  and  $p_e = 400 - 0.2 \cdot 600 = 280$ .  $CS = 36,000$  and  $PS = 72,000$ .

### Exercises 6.2

8. 195,024.57
10. 35.42 years
14. (a) 11,281.33 dollars (b) 63,444.80 dollars
20. 22,559