

CHAPTER 5

Applications of Linear Equations

5.1 Word Problems

- 1) See summary at the beginning of this section.
- 3) 1:50 PM.
- 5) The smaller number is 4.2 and the larger number is 6.8.
- 7) The rectangle's length is 40 ft and its width is 10 ft.
- 9) Kyle bought 20 tickets and Missy bought 32 tickets.
- 11) A consonant is worth 3 points and a vowel is worth 4 points.
- 15) The two cyclists will be 10 miles apart after 100 minutes.
- 17) $-\frac{73}{9}$
- 19) $x = -\frac{5}{13}$