

- Problems, pages 170–171**
1. 2:20 P.M.  
3. 1 h 48 min    5. east, 650 km/h; west, 600 km/h  
7. 10:30 A.M.    9. 43 km/h  
11. 22.5 km    13. 165 km    15. 26 knots  
17. when  $t = \frac{P}{s - r}$     19. when  $t = \frac{d}{r + s}$