

Problem Set 27 — Even Answers

2. 4 hours

4. 400, 560

6. $2\sqrt{55}$ ft \approx 14.832 ft

8a. $x^5 - 4x^4 - x^3 + 6x^2 - 2$

b. $x - 4 + \frac{x-2}{x^2-1}$

10. $50\sqrt{2}$

12. 2×10^{-2}

14. $y = -\frac{1}{2}x + \frac{5}{2}$

16a. $t(x+3) = \sqrt{x+9}$
 b. $t(x+h) = \sqrt{x+h+6}$

18. 14 in

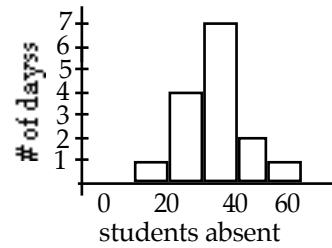
20. $A = D = 40$

$B = C = E = 50$

22. 9,000,000

24a. $P(h, h, h) = \frac{1}{64}$

b. $P(h, h, h) = \frac{11}{850}$



26.

20%

28. $y = 14$

30. 43