

Problem Set 65 — Even Answers

2. 8, 17

4. 300 l of 70%
100 l of 20%

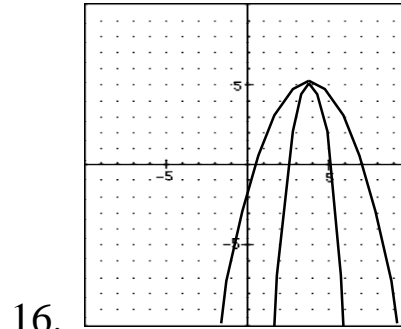
6. $P(B \cup E) = \frac{3}{5}$

8. $A = 44 \text{ units}^2$

10. $55(5280)(12)(2.54)(.00001)$
 $\approx 88.514 \text{ km/hr}$

12. $b = \frac{6pxz}{2mp - x}$

14. $x^2 + 2xh + h^2 + 3x + 3h + 2$



18. $x = -8, 5$

20. $x = \frac{-c \pm \sqrt{c^2 - 4kq}}{2k}$

22. $4 + 5i$

24a. $2^{\frac{3}{4}}$ b. $2^{\frac{7}{4}}$

26. $\frac{akm + kl}{am^2 + lm + m^2}$

28. $y = -\frac{5}{3}x - 17$

$x = -\frac{51}{5}, \quad y = -17$

30. $x = 50, \quad k = 40, \quad s = 50$