

## Problem Set 25 — Even Answers

2. 10 codfish

4a.  $P(5) = \frac{1}{6}$

b.  $P(5, 5, 5) = \frac{1}{216}$

6. 
$$\begin{array}{c|ccc} 5 & 8 & 9 & \\ 6 & 3 & 5 & 7 & 8 \\ 7 & 1 & 2 & 2 & 5 & 6 \\ 8 & 0 & 1 & 3 \\ 9 & 3 \end{array}$$

6 | 3 means 63 seconds

8. range = 35, mean = 72.2  
median = 72, mode = 72

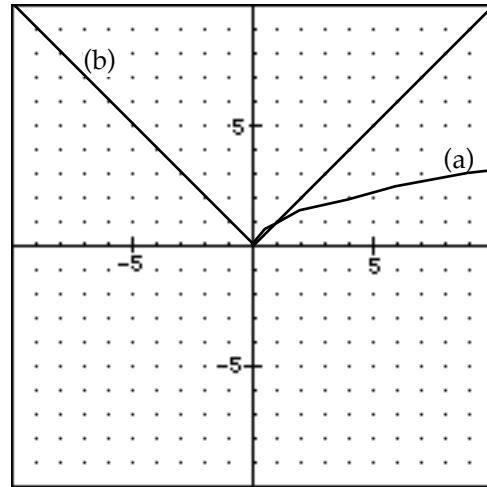
10a.  $d = 10$

b.  $y = -\frac{3}{4}x - \frac{7}{4}$

12.  $y = -3x + 5$

14.  $R_F = 60$ ,  $R_S = 50$

16.  $x - 5$



18.

20.  $P = (38 + \frac{10}{3}\pi) \text{ in} \approx 48.472 \text{ in}$

22.  $SA = (540 + \frac{200}{3}\pi) \text{ in}^2$   
 $\approx 749.440 \text{ in}^2$

24.  $A = 3\sqrt{7} \text{ ft}^2 \approx 7.937 \text{ ft}^2$

26.  $a = \frac{20}{3}$ ,  $b = 17$

28.  $2x$

30. 17