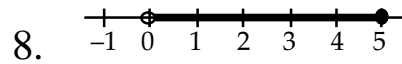
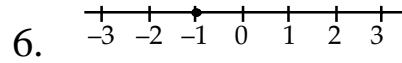


## Problem Set 96 — Even Answers

2. 80,730      120

4. 5, 7, 9    or    -1, 1, 3



10a.  $x = 110^\circ$

b.  $x = 60^\circ$

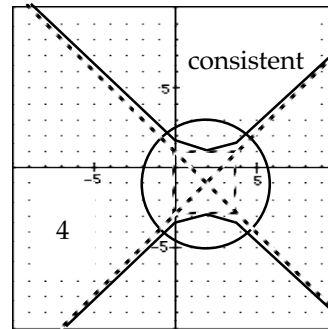
12.  $x = 8$

14.  $x = \ln 6 \approx 1.792$

16.  $\begin{bmatrix} 8 & 18 \\ 9 & 19 \end{bmatrix}$

18.  $x = 2$

20.  $\left(\frac{10}{3}, \frac{8}{3}\right), (2, 0)$



24.  $O = 2.778 I - 83.333$

26.  $\frac{x-1}{2x-1}$

28a. imaginary, complex

b. irrational, real, complex

c. rational, real, complex

30.  $A = \frac{400}{\pi} \approx 127.324 \text{ m}^2$