Algebra Review Practice Problems Answers
From "Linear Systems, Quadratics, and Absolute Value Equations" handout

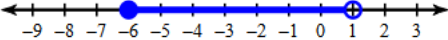2. $(7, -1)$

10. $x = \dfrac{5}{2}$ and $x = -8$
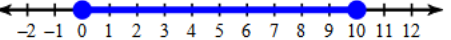
13. $x = -2$ and $x = -8$

14. $x = \dfrac{1}{2}$ and $x = \dfrac{7}{2}$

15. $x = 9$ and $x = -5$

16. $x = -4$ and $x = 7$

From "Mini-handout"

1) $-6 \le r < 1$:

2) $0 \le x \le 10$:

3) $-9 < a < -5$:

4) $1 < x \le 6$:

5. (ignore maxima and minima part, didn't get to that in class)

$x = -6$ $\qquad$ $x = 3.2$ $\qquad$ $x = 8.1$

6. (ignore maxima and minima part, didn't get to that in class)

$x = -8.1$ $\qquad$ $x = -1.1$ $\qquad$ $x = 7.1$