

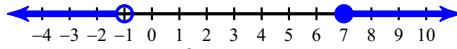
Answers to SM3-A HW #6-9 (Review Solving Rational Eq's) (ID: 1)

1) $\{1\}$

3) $\left\{\frac{5}{3}\right\}$

5) $\left\{3, -\frac{5}{3}\right\}$

7) $x < -1$ or $x \geq 7$:



9) $-7 < x < -5$

11) $-x^2 - 9x - 9$

13) $f^{-1}(n) = \frac{3}{n-1} + 2$

15) $\{2\sqrt{14}, -2\sqrt{14}\}$

17) 5.74 minutes