

10.0 Solving equations review answers

1. linear, $(-\infty, \infty)$, $x = 2$
2. quadratic, $(-\infty, \infty)$, $x = -\frac{1}{2}, \frac{3}{2}$
3. square root, $[-1, \infty)$, $x = 15$
4. cubic, $(-\infty, \infty)$, $x = 3$
5. linear, $(-\infty, \infty)$, $x = \frac{216}{3}$ or 43.2
6. rational, $(-\infty, 0) \cup (0, \infty)$, $x = 3$
7. square root, $[\frac{1}{3}, \infty)$, $x = \frac{10}{3}$
8. quadratic, $(-\infty, \infty)$, $x = -1, 5$