

Answers to 2.1 Solving with Square Roots

1) $\left\{\frac{9}{5}, -\frac{9}{5}\right\}$

3) $\{\sqrt{59}, -\sqrt{59}\}$

5) $1 \pm i\sqrt{7}$

7) A trinomial that comes from a squared binomial

9) $y = ax^2 + bx + c$

11) 169; $(p + 13)^2$

13) 121; $(x + 11)^2$

15) $\{-8 + 2i, -8 - 2i\}$

17) $\{9, -7\}$

19) $\{4 + 4i\sqrt{3}, 4 - 4i\sqrt{3}\}$

21) $\{2, -4\}$