Algebra 2
Unit: Radical Functions
Section: Solving Radical Equations and Inequalities

Flashcards: Solving Radical Equations

Directions: Practice solving radical equations. Once you have solved each of the equations on your own, check your work with the answers below.

1. Solve the square root of the quantity one minus four times t is equal to two.

2. Solve the square root of the quantity six times y minus four is equal to the square root of the quantity two times y plus ten.

3. Solve the square root of the quantity three times y plus ten is equal to the square root of the quantity y plus eleven, minus one.

4. Find the approximate value of x equal to two. Image of radical equation y equals square root of negative x plus 1. Graph includes points (1, 0), (0, 1), and (negative 3, 2).

Answers:

1. t is equal to negative three fourths

2. y is equal to seven halves

3. y is equal to negative two

4. f of x is approximately one point seven