

SOLVING QUADRATIC EQUATIONS PRACTICE GUIDE

Solve the quadratic equations below.

All will have two real solutions of $x = \{-0.5, 5\}$.
Knowing the solutions in advance will help you
identify common errors in your work and practice
various solving methods. Show work on a
separate sheet of paper.

$$x = \left\{-\frac{1}{2}, 5\right\}$$

$$2x^2 - 9x - 5 = 0$$

$$4(5 - x)(6x + 3) = 0$$

$$x^2 - 4x = \frac{1}{2}(x + 5)$$

$$2x(x - 4) = x + 5$$

$$4x^2 = 18x + 10$$

$$(4x - 9)^2 - 21 = 100$$

$$(2x + 1)(x - 5) =$$

$$6x^2 - 27x - 15 = 0$$

$$\left(2x - \frac{9}{2}\right)^2 = \frac{121}{4}$$

$$(x + 1)(x - 1) = -x^2 + 9x + 4$$

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STANDARD,
& INTERCEPT
FORM

Algebra SIMPLIFIED

Name: _____

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$$4(5 - x)(6x + 3) = 0$$

Traditional Brooms And Quadratic Equations Teachers Guide

Siddappa N.Byrareddy



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