

Name : _____

Solving Quadratic Equations

Sheet 1

Solve each quadratic equation using substitution.

1) $5 = -7(\sqrt{3}x)^2 + 12(\sqrt{3}x)$

2) $5(2u)^2 + 9 = 14(2u)$

3) $7(w + 1)^2 + 5$

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5) $(-7 + 3v)^2 +$

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$5 - 14(6y + 2)$