

Name : \_\_\_\_\_

## Completing the Square

DS3

Solve each quadratic equation by completing the square.

1)  $-2\left(\frac{1}{t}\right)^2 + \left(\frac{1}{t}\right) + 6 = 0$

2)  $15(9y) - 3(9y)^2 - 12 = 0$

3)  $\left(\frac{u+5}{4}\right)^2 = 36$

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$2 = -(p+3)^2$

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5)  $(1 + \sqrt{20}h)^2 +$

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$4\left(\frac{5}{2}w\right) + 8 = 0$