

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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### Exponential Equations Not Requiring Logarithms

Solve each given equation.

1)  $10^{-2r+3} = 100$

8)  $\frac{10^{2y}}{10^{y+2}} = 10^{3y}$

2)  $7^{2k+2} = 7^{-3k}$

9)  $(1)^{x+1} = 1^{2x-1}$

10.  $4(x - 1) = 16$

5.  $5x - 2 - 3x = 3(x - 1) - 1$

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