

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

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

**Solve for the Unknown**

Problems

Work Space

$\log_3 x = 3$  $x =$ _____	
$\log_{11} x = 2$  $x =$ _____	
$\log_2 x = 7$  $x =$ _____	
$\log_7 x = 1$  $x =$ _____	
$\log_4 x = 3$  $x =$ _____	
$\log_5 x = 3$  $x =$ _____	

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### Answers

$\log_3 x = 3$  $x = 27$	
$\log_{11} x = 2$  $x = 121$	
$\log_2 x = 7$  $x = 128$	
$\log_7 x = 1$  $x = 7$	
$\log_4 x = 3$  $x = 64$	
$\log_5 x = 3$  $x = 125$	