

Student Name: _____

Score: _____

Solve Using Quotient Rule

Problems

Work Space

$\log_3 42 - \log_3 x = \log_3 7$ $x =$ _____	
$\log_2 x - \log_2 15 = \log_2 9$ $x =$ _____	
$\log_5 154 - \log_5 x = \log_5 14$ $x =$ _____	
$\log_2 x - \log_2 10 = \log_2 1000$ $x =$ _____	
$\log_4 144 - \log_4 x = \log_4 36$ $x =$ _____	

Student Name: _____

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Answers

$\log_3 42 - \log_3 x = \log_3 7$ $x = 6$	
$\log_2 x - \log_2 15 = \log_2 9$ $x = 135$	
$\log_5 154 - \log_5 x = \log_5 14$ $x = 11$	
$\log_2 x - \log_2 10 = \log_2 1000$ $x = 10000$	
$\log_4 144 - \log_4 x = \log_4 36$ $x = 4$	