

Student Name: _____

Score: _____

Natural Logarithm Rules Worksheet

Apply logarithm rules and simplify, use calculator for calculation and round your answer to 2 decimal places:

$\ln 6 + \ln 3 - \ln 5$	$\ln 7 - \ln 2 - \ln 4$
Answer: _____	Answer: _____
$\ln 11 - \ln 8 + \ln 10$	$\ln 9 + \ln 7 - \ln 5 - \ln 6$
Answer: _____	Answer: _____
$\ln \frac{6}{7} + \ln 3 - \ln 12$	$\ln 5 + \ln 2 - \ln \frac{15}{2}$
Answer: _____	Answer: _____
$\ln 3 + \ln 3 - \ln 4 - \ln 4$	$\ln 4^3 + \ln 2^2 - \ln 7$
Answer: _____	Answer: _____

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Answers

$\ln 6 + \ln 3 - \ln 5$	$\ln 7 - \ln 2 - \ln 4$
Answer: 1.28	Answer: -0.13
$\ln 11 - \ln 8 + \ln 10$	$\ln 9 + \ln 7 - \ln 5 - \ln 6$
Answer: 2.62	Answer: 0.74
$\ln \frac{6}{7} + \ln 3 - \ln 12$	$\ln 5 + \ln 2 - \ln \frac{15}{2}$
Answer: -1.54	Answer: 0.29
$\ln 3 + \ln 3 - \ln 4 - \ln 4$	$\ln 4^3 + \ln 2^2 - \ln 7$
Answer: -0.58	Answer: 3.60