

Student Name: _____

Score: _____

Product Rule Worksheet

Apply product rule and simplify the calculations using calculator. Round your answer to 2 decimal places:

<p><i>Example:</i> $\ln 4 + \ln 2$</p> <p>$\ln 4 + \ln 2 = \ln(4 \times 2) = \ln 8 = 2.08$</p> <p>$\ln 4 + \ln 2 = \mathbf{2.08}$</p>	<p>$\ln 5 + \ln 3$</p> <p>$\ln 5 + \ln 3 = \underline{\hspace{2cm}}$</p>
<p>$\ln 2 + \ln 7$</p> <p>$\ln 2 + \ln 7 = \underline{\hspace{2cm}}$</p>	<p>$\ln 6 + \ln 9$</p> <p>$\ln 6 + \ln 9 = \underline{\hspace{2cm}}$</p>
<p>$\ln 4 + \ln 7 + \ln 1$</p> <p>$\ln 4 + \ln 7 + \ln 1 = \underline{\hspace{2cm}}$</p>	<p>$\ln 3 + \ln 8 + \ln 10$</p> <p>$\ln 3 + \ln 8 + \ln 10 = \underline{\hspace{2cm}}$</p>
<p>$\ln 6 + \ln 7 + \ln 4 + \ln 9$</p> <p>$\ln 6 + \ln 7 + \ln 4 + \ln 9 = \underline{\hspace{2cm}}$</p>	<p>$\ln 4 + \ln 2 + \ln 4 + \ln 2$</p> <p>$\ln 4 + \ln 2 + \ln 4 + \ln 2 = \underline{\hspace{2cm}}$</p>

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Answers

<p><i>Example:</i> $\ln 4 + \ln 2$</p> <p>$\ln 4 + \ln 2 = \ln(4 \times 2) = \ln 8 = 2.08$</p> <p>$\ln 4 + \ln 2 = \mathbf{2.08}$</p>	<p>$\ln 5 + \ln 3$</p> <p>$\ln 5 + \ln 3 = \mathbf{2.71}$</p>
<p>$\ln 2 + \ln 7$</p> <p>$\ln 2 + \ln 7 = \mathbf{2.64}$</p>	<p>$\ln 6 + \ln 9$</p> <p>$\ln 6 + \ln 9 = \mathbf{3.99}$</p>
<p>$\ln 4 + \ln 7 + \ln 1$</p> <p>$\ln 4 + \ln 7 + \ln 1 = \mathbf{3.33}$</p>	<p>$\ln 3 + \ln 8 + \ln 10$</p> <p>$\ln 3 + \ln 8 + \ln 10 = \mathbf{5.48}$</p>
<p>$\ln 6 + \ln 7 + \ln 4 + \ln 9$</p> <p>$\ln 6 + \ln 7 + \ln 4 + \ln 9 = \mathbf{7.32}$</p>	<p>$\ln 4 + \ln 2 + \ln 4 + \ln 2$</p> <p>$\ln 4 + \ln 2 + \ln 4 + \ln 2 = \mathbf{4.16}$</p>