

10.2 Properties of Logarithms: Product Rule

3. Use properties of logarithms to evaluate the following logarithmic expression with exact answers.

$$\log_2 \left(\frac{32 \cdot 64}{16} \right)$$

Use the product rule for logarithms to evaluate the expression with exact answers.

4. Use properties of logarithms to evaluate the expression with exact answers.

$$\frac{1}{2}(\log_2 x + \log_2 x) - 3 \log_2 x$$



5. Use properties of logarithms to evaluate the following logarithmic expression with exact answers.

$$\log_5 45$$

Use the product rule for logarithms to evaluate the expression with exact answers.

Math 30 1 Logarithms Expand Condense Worksheet

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Math 30 1 Logarithms Expand Condense Worksheet:

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