



Logarithms - Convert Exponent to Logarithm - Integer Base

<p>1 Convert the given exponent to the equivalent in logarithm form</p> $3^2 = 9$	<p>A $\log_2 3 = 9$</p>	<p>B $\log_9 3 = 2$</p>	<p>2 Convert the given exponent to the equivalent in logarithm form</p> $5^2 = 25$	<p>A $\log_5 25 = 2$</p>	<p>B $\log_{25} 5 = 2$</p>
	<p>C $\log_3 9 = 2$</p>			<p>C $\log_2 5 = 25$</p>	<p>D $\log_{25} 2 = 5$</p>
<p>3 Convert the given exponent to the equivalent in logarithm form</p> $10^4 = 10,000$	<p>A $\log_{10,000} 10 = 4$</p>	<p>B $\log_{10,000} 4 = 10$</p>	<p>4 Convert the given exponent to the equivalent in logarithm form</p> $2^2 = 4$	<p>A $\log_2 4 = 2$</p>	<p>B $\log_4 2 = 2$</p>
	<p>C $\log_4 10,000 = 10$</p>	<p>D $\log_4 10 = 10,000$</p>		<p>C $\log_2 2 = 4$</p>	
	<p>E $\log_{10} 10,000 = 4$</p>				
<p>5 Convert the given exponent to the equivalent in logarithm form</p> $4^2 = 16$	<p>A $\log_2 16 = 4$</p>	<p>B $\log_{16} 2 = 4$</p>	<p>6 Convert the given exponent to the equivalent in logarithm form</p> $9^2 = 81$	<p>A $\log_2 81 = 9$</p>	<p>B $\log_{81} 9 = 2$</p>
	<p>C $\log_{16} 4 = 2$</p>	<p>D $\log_4 16 = 2$</p>		<p>C $\log_2 9 = 81$</p>	<p>D $\log_9 81 = 2$</p>
<p>7 Convert the given exponent to the equivalent in logarithm form</p> $2^3 = 8$	<p>A $\log_8 3 = 2$</p>	<p>B $\log_3 2 = 8$</p>	<p>8 Convert the given exponent to the equivalent in logarithm form</p> $3^3 = 27$	<p>A $\log_3 3 = 27$</p>	<p>B $\log_{27} 3 = 3$</p>
	<p>C $\log_2 8 = 3$</p>	<p>D $\log_8 2 = 3$</p>		<p>C $\log_3 27 = 3$</p>	