

**Práctica # 2**  
**Los Logaritmos**

Calcula el valor de la x en las siguientes expresiones logarítmicas.

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| 1) $\log_2 x = 8$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 2) $\log_2 x = -4$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 3) $\log_{\frac{2}{5}} x = 0$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 4) $\log_{\frac{1}{2}} x = -5$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 5) $\log_x 27 = 3$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 6) $\log_x \frac{1}{81} = 2$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 7) $\log_x \frac{1}{9} = 2$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 8) $\log_x \frac{1}{8} = -3$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 9) $\log_2 32 = x$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 10) $\log_4 16 = x$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 11) $\log_6 x = 2$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 12) $\log_4 x = -1$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 13) $\log_{\frac{3}{4}} x = 2$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 14) $\log_{\frac{5}{2}} x = -3$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 15) $\log_x 16 = 4$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 16) $\log_x \frac{1}{243} = 5$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 17) $\log_x \frac{16}{25} = 2$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 18) $\log_x \frac{1}{9} = -2$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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| 19) $\log_3 81 =$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> | 20) $\log_5 25 = x$ $x =$ <input style="width: 80px; border: 1px solid black;" type="text"/> |
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