



Logarithms - Meaning, Words to Equation as Question Mark (Natural)

1 Which logarithm equation answers this?

What number would you raise e by to result in x ?

- | | |
|------------------|------------------|
| A $\log_e x = ?$ | B $\log_x e = ?$ |
| C $\log_? e = x$ | D $\log_? x = e$ |
| E $\log_x ? = e$ | |

2 Which logarithm equation answers this?

What number would you raise e by to result in 4.49?

- | | |
|-----------------------|-----------------------|
| A $\log_e 4.49 = ?$ | B $\log_{4.49} e = ?$ |
| C $\log_{4.49} ? = e$ | D $\log_? 4.49 = e$ |

3 Which logarithm equation answers this?

What number would you raise e by to result in 3.96?

- | | |
|---------------------|-----------------------|
| A $\log_e 3.96 = ?$ | B $\log_{3.96} ? = e$ |
| C $\log_? e = 3.96$ | D $\log_{3.96} e = ?$ |

4 Which logarithm equation answers this?

What number would you raise e by to result in 5.23?

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|---------------------|-----------------------|
| A $\log_? 5.23 = e$ | B $\log_e 5.23 = ?$ |
| C $\log_? e = 5.23$ | D $\log_{5.23} ? = e$ |

5 Which logarithm equation answers this?

What number would you raise e by to result in 4.94?

- | | |
|-----------------------|-----------------------|
| A $\log_e 4.94 = ?$ | B $\log_{4.94} ? = e$ |
| C $\log_{4.94} e = ?$ | D $\log_? e = 4.94$ |

6 Which logarithm equation answers this?

What number would you raise e by to result in 4.66?

- | | |
|---------------------|-----------------------|
| A $\log_? 4.66 = e$ | B $\log_{4.66} e = ?$ |
| C $\log_e 4.66 = ?$ | D $\log_? e = 4.66$ |

7 Which logarithm equation answers this?

What number would you raise e by to result in 2.98?

- | | |
|-----------------------|---------------------|
| A $\log_{2.98} ? = e$ | B $\log_? e = 2.98$ |
| C $\log_{2.98} e = ?$ | D $\log_e 2.98 = ?$ |

8 Which logarithm equation answers this?

What number would you raise e by to result in 4.37?

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|-----------------------|---------------------|
| A $\log_? e = 4.37$ | B $\log_? 4.37 = e$ |
| C $\log_{4.37} ? = e$ | D $\log_e 4.37 = ?$ |
| E $\log_{4.37} e = ?$ | |