



Logarithms - Meaning, Words to Equation as Values (Natural)

1 Which logarithm equation shows this?

To result in x , you would raise e to the power of 2

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|---|----------------|---|----------------|
| A | $\log_x 2 = e$ | B | $\log_e x = 2$ |
| C | $\log_x e = 2$ | D | $\log_2 e = x$ |

2 Which logarithm equation shows this?

To result in x , you would raise e to the power of 2.94

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|---|---------------------|---|-------------------|
| A | $\log_x e = 2.94$ | B | $\log_e x = 2.94$ |
| C | $\log_{2.94} e = x$ | D | $\log_x 2.94 = e$ |

3 Which logarithm equation shows this?

To result in 4.1, you would raise e to the power of x

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|---|--------------------|---|--------------------|
| A | $\log_{4.1} e = x$ | B | $\log_{4.1} x = e$ |
| C | $\log_e 4.1 = x$ | | |

4 Which logarithm equation shows this?

To result in 5.11, you would raise e to the power of x

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|---|---------------------|---|---------------------|
| A | $\log_x 5.11 = e$ | B | $\log_e 5.11 = x$ |
| C | $\log_{5.11} e = x$ | D | $\log_{5.11} x = e$ |
| E | $\log_x e = 5.11$ | | |

5 Which logarithm equation shows this?

To result in 2.38, you would raise e to the power of x

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|---|---------------------|---|---------------------|
| A | $\log_x e = 2.38$ | B | $\log_{2.38} e = x$ |
| C | $\log_e 2.38 = x$ | D | $\log_x 2.38 = e$ |
| E | $\log_{2.38} x = e$ | | |

6 Which logarithm equation shows this?

To result in 2.55, you would raise e to the power of x

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|---|---------------------|---|---------------------|
| A | $\log_x 2.55 = e$ | B | $\log_{2.55} x = e$ |
| C | $\log_{2.55} e = x$ | D | $\log_e 2.55 = x$ |

7 Which logarithm equation shows this?

To result in 3.38, you would raise e to the power of x

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|---|-------------------|---|---------------------|
| A | $\log_e 3.38 = x$ | B | $\log_x e = 3.38$ |
| C | $\log_x 3.38 = e$ | D | $\log_{3.38} x = e$ |

8 Which logarithm equation shows this?

To result in x , you would raise e to the power of 2.14

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|---|-------------------|---|---------------------|
| A | $\log_e x = 2.14$ | B | $\log_x e = 2.14$ |
| C | $\log_x 2.14 = e$ | D | $\log_{2.14} x = e$ |