



Logarithms - Convert Exponent to Logarithm - Decimal Value

1 Convert the given exponent to the equivalent in logarithm form

$$4^{4.4} = 443$$

A $\log_{4.4} 4 = 443$

B $\log_4 443 = 4.4$

C $\log_{443} 4.4 = 4$

2 Convert the given exponent to the equivalent in logarithm form

$$8^{2.45} = 164$$

A $\log_{2.45} 164 = 8$

B $\log_8 164 = 2.45$

C $\log_{2.45} 8 = 164$

D $\log_{164} 2.45 = 8$

3 Convert the given exponent to the equivalent in logarithm form

$$7^{2.83} = 247$$

A $\log_7 247 = 2.83$

B $\log_{247} 7 = 2.83$

C $\log_{2.83} 7 = 247$

D $\log_{247} 2.83 = 7$

4 Convert the given exponent to the equivalent in logarithm form

$$9^{1.94} = 71$$

A $\log_9 71 = 1.94$

B $\log_{1.94} 9 = 71$

C $\log_{71} 1.94 = 9$

D $\log_{71} 9 = 1.94$

5 Convert the given exponent to the equivalent in logarithm form

$$8^{2.54} = 196$$

A $\log_{2.54} 8 = 196$

B $\log_8 196 = 2.54$

C $\log_{196} 2.54 = 8$

6 Convert the given exponent to the equivalent in logarithm form

$$4^{3.11} = 75$$

A $\log_{75} 4 = 3.11$

B $\log_{75} 3.11 = 4$

C $\log_{3.11} 75 = 4$

D $\log_4 75 = 3.11$

7 Convert the given exponent to the equivalent in logarithm form

$$7^{2.95} = 314$$

A $\log_{2.95} 314 = 7$

B $\log_{314} 7 = 2.95$

C $\log_7 314 = 2.95$

8 Convert the given exponent to the equivalent in logarithm form

$$6^{3.41} = 450$$

A $\log_{3.41} 450 = 6$

B $\log_{450} 3.41 = 6$

C $\log_6 450 = 3.41$

D $\log_{450} 6 = 3.41$