



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

1 What does the logarithm equation mean? $\log_6 144 = ?$	2 What does the logarithm equation mean? $\log_5 215 = ?$
A What number would you raise 144 by to result in 6?	A What number would you raise 5 by to result in 215?
B What number would you raise 6 by to result in 144?	B What number would you raise 215 by to result in 5?
3 What does the logarithm equation mean? $\log_9 303 = ?$	4 What does the logarithm equation mean? $\log_7 463 = ?$
A What number would you raise 303 by to result in 9?	A What number would you raise 7 by to result in 463?
B What number would you raise 9 by to result in 303?	B What number would you raise 463 by to result in 7?
5 What does the logarithm equation mean? $\log_5 412 = ?$	6 What does the logarithm equation mean? $\log_5 252 = ?$
A What number would you raise 5 by to result in 412?	A What number would you raise 5 by to result in 252?
B What number would you raise 412 by to result in 5?	B What number would you raise 252 by to result in 5?
7 What does the logarithm equation mean? $\log_8 163 = ?$	8 What does the logarithm equation mean? $\log_2 269 = ?$
A What number would you raise 163 by to result in 8?	A What number would you raise 2 by to result in 269?
B What number would you raise 8 by to result in 163?	B What number would you raise 269 by to result in 2?