Practice worksheet | Exponentials and logarithms

Meaning of a logarithm

Name: _____ Date: _____

6 questions | 14 marks

1. Evaluate $\log_2 32$. [2 marks]

2. Evaluate $\log 0.001$. [2 marks]

3. Write $7^2 = 49$ as a logarithmic statement. [2 marks]

4. Evaluate $10^{\log 7}$. [2 marks]

5. Explain why $\log 0$ is not a real number. [3 marks]

6. If $\log N = 4.2$, between which consecutive powers of ten does N lie? [3 marks]