Connect Exponents and Logarithms

Grades 11-12 | Precalculus | Developing

Learner: _____ Date: _____

Rewrite each equation in the other form, then evaluate when possible.

2^3=8 _____

Work/check: _____

10^2=100 _____

Work/check: _____

log_3(81)=4 _____

Work/check: _____

log_5(25)=2 _____

Work/check: _____

log_2(1)=0 _____

Work/check: _____

log_10(0.1)=-1 _____

Work/check: _____

Grown-up check: log_2(8)=3; log_10(100)=2; 3^4=81; 5^2=25; 2^0=1; 10^-1=0.1.

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