

Logarithmic Functions

Log base b: <https://www.youtube.com/watch?v=OBHJ4gHFHxA>

Common and Natural Logarithms: <https://www.youtube.com/watch?v=u8uMjSAXxJA>

Evaluating Common & Natural Logarithm: <https://www.youtube.com/watch?v=BdLChugsf88>

Inverse Properties of Logs: <https://www.youtube.com/watch?v=SuNKNnwH2-Q>

Using Inverses to Evaluate: <https://www.youtube.com/watch?v=31B3P6Dbllw>

GRAPHING

Logarithmic Parent functions: <https://www.youtube.com/watch?v=R-zdLiqif3g>

Graphing Logarithmic Functions: <https://www.youtube.com/watch?v=q9DhIR43P7A>

Graphing Logarithmic Functions using Transformations:

<https://www.youtube.com/watch?v=EUcrJwHyu0g>

PROPERTIES

Logarithmic Properties (Berger): https://www.youtube.com/watch?v=RRB1hBi_9cg

Logarithmic Properties (Math by 5's): https://www.youtube.com/watch?v=F_kzYq8WghE

Change of Base Formula (no calc): <https://www.youtube.com/watch?v=28SIL5wVoXA>

Change of Base Formula (with calc): <https://www.youtube.com/watch?v=pZqDXF-hA18>

SOLVING

Example 1: <https://www.youtube.com/watch?v=59j0ALU3N7k>

Example 2: <https://www.youtube.com/watch?v=qILCTT6wPt4>

Example 3 (Khan): <https://www.youtube.com/watch?v=Kv2iHde7Xgw>

Example 4: <https://www.youtube.com/watch?v=UpE9snwzp30>

POE for Logs: <https://www.youtube.com/watch?v=3apx9hgycVM>

POE for Logs Example: https://www.youtube.com/watch?v=3C_JZKW-HWA

REGRESSION

Logarithmic Regression (starts at 5:55): <https://www.youtube.com/watch?v=5nsEMGEMsP4>

