I. Finish the first pass at exponentials

I Talk about inverse introduce logs.

Togerithmic scale.

Il Application revisit exponentials/logs.

Graphing 1. General shape $f(x)=ae_x$ f(x)=ab

2. Domain: the set of all x-values (valid)
inputs
Range: set of outputs. for exponential: Domain= & R f(x) = ab Rage: a>0 Sy>0 a 20 3y 20 3

we can translate exponentials $f(x) = ab^{x} + d$ Donin- & R} $f(x) = 5(1.1)^{x} + 2Range {y>2}$ 36

f(x)=5(2) hote: one-typically f(x)=5(2) hote: one-typically

