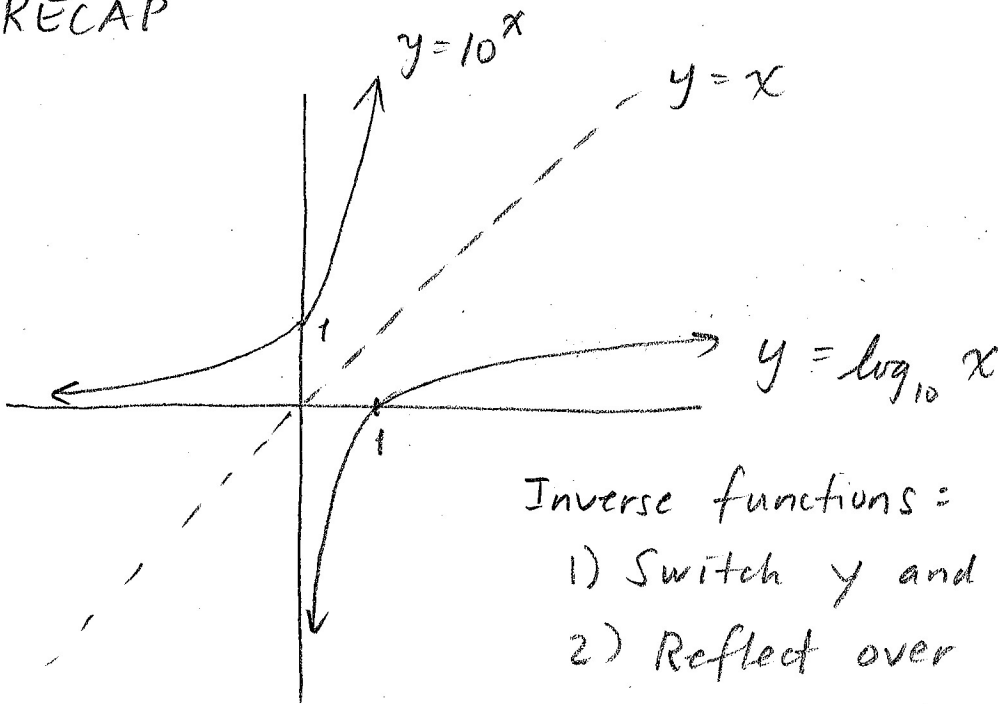


RECAP

DAY 18  
14 MAR 22



Inverse functions =

- 1) Switch  $y$  and  $x$
- 2) Reflect over  $y = x$

$$\log_b(xy) = \log_b x + \log_b y$$

$$\log_b\left(\frac{x}{y}\right) = \log_b x - \log_b y$$

$$\log_b(x^n) = n \log_b x$$

$$\log_b(b^x) = x$$

$$b^{\log_b x} = x$$