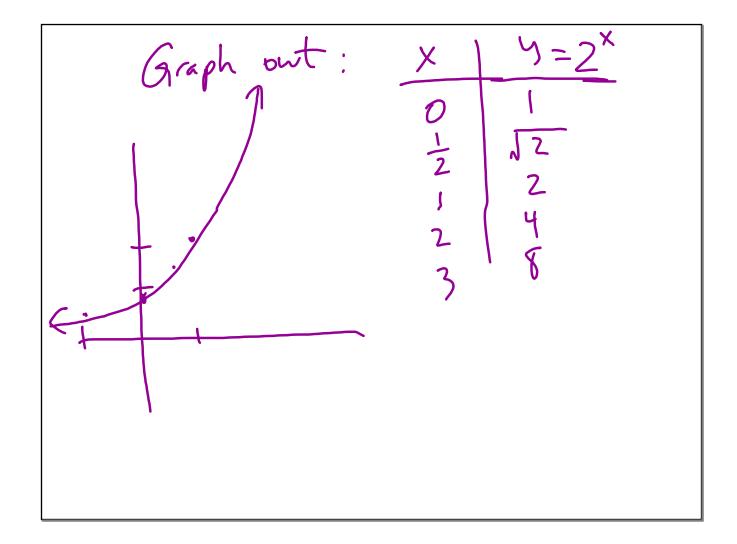
Review Exponents

Properties of Exponents

1.
$$a^{5}a^{7} = a^{5}$$

Ex $3^{6} = 3^{5}$

Ex $3^{6} = 3^{6}$



Binomial Theorem

$$(a+b)^{n} = a^{n} + {n \choose 1} a^{n-1} + {n \choose 2} a^{n-2} b^{n-1} + {n \choose 3} a^{n-3} b^{n-1} + {n \choose 3} a^{n-3} b^{n-1} + {n \choose 3} a^{n-3} b^{n-1} + {n \choose n} b^{n-1}$$