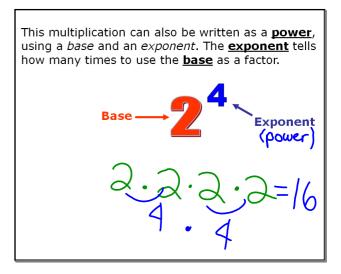
## 1.2 Exponentsp. 109-12 -17



Sep 15-9:53 AM

Squared - to the 2nd power 
$$3^2 = 9$$

Cubed - to the 3rd power  $3^3 = 27$ 

$$7^{1} = 7$$
  $10^{1} = 10$ 

$$6^{0} = 1$$

$$10^{0} = 1$$

$$10^{0} = 1$$

## 1.2 Exponents.notebook

September 12, 2017

$$3^{0} = \begin{vmatrix} 3 \\ 3^{1} = 3 \end{vmatrix}$$

$$3^{1} = 3 \begin{vmatrix} 3 \\ 3^{2} = 3 \end{vmatrix}$$

$$3^{2} = 3 \begin{vmatrix} 3 \\ 3^{2} = 3 \end{vmatrix}$$

$$3^{3} = 3 \begin{vmatrix} 3 \\ 3 \end{vmatrix}$$

$$3^{4} = 3 \begin{vmatrix} 3 \\ 3 \end{vmatrix}$$

$$3^{5} = 3 \begin{vmatrix} 3 \\ 3 \end{vmatrix}$$

Find each value.

A. 
$$4^4 = 4 \cdot 4 \cdot 4 \cdot 4 = 256$$

B. 
$$7^3 = 7 \cdot 7 \cdot 7 = 342$$

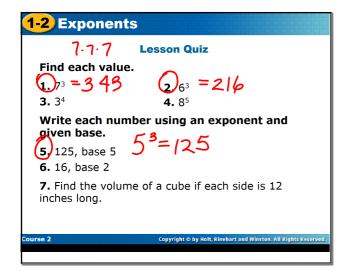
C. 
$$19^1 = /9$$

Sep 17-12:19 PM

Sep 12-11:55 AM

Write each number using an exponent and the given base.

On Monday, Erik tells 3 people a secret. The next day each of them tells 3 more people. If this pattern continues, how many people besides Erik will know the secret on Friday?



Sep 15-9:47 AM