Bell Work 1/20/2015

What are the 2 definitions for exponents

we developed last week?

$$C_{0} = 1$$

$$C_{0} = \frac{1}{\alpha}$$

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| Combining | Product of |
|-------------|-------------|
| Like Terms | Powers |
| x + x + x = | $x^r x^s =$ |

Power of Power of Products
$$(x^r)^s = (ab)^r =$$

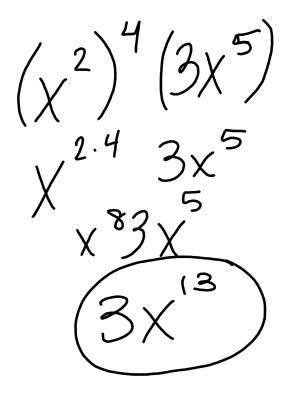
| Quotient | Powers of |
|---------------------|--------------------------------|
| Powers | a Quotient |
| $\frac{x^r}{x^s} =$ | $\left(\frac{a}{b}\right)^r =$ |

| Back Cover |
|-------------|
| Definitions |
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Today we are going to be using our properties of exponents on practice problems.

We will be using the white boards.

Please make sure that you have a white board, dry-erase marker and something to erase with.



$$\frac{5^{-2}}{5^{-3}} = 5^{-2+13} = 5^{1}$$

$$\frac{1}{3x^{-2}} = \frac{1}{3^{-2}x^{-2}} = \frac{3^2x^2}{3^2x^2}$$

$$\left(\left(6 W^{3} W^{4} W^{-6} \right)^{0} \right)$$

$$= \left(\frac{1}{2} \right)$$

$$\frac{2x^{3}}{(x^{1})^{3}}$$

$$\frac{2x^{3}}{(x^{1})^{3}} = \frac{2x^{3}}{(x^{3})^{3}} = \frac{2x^{3}}{(x^{3})^{$$

