

**Interesting...**

What is  $0^1$ ?

What is  $0^0$ ?

What is  $0^{-1}$ ?

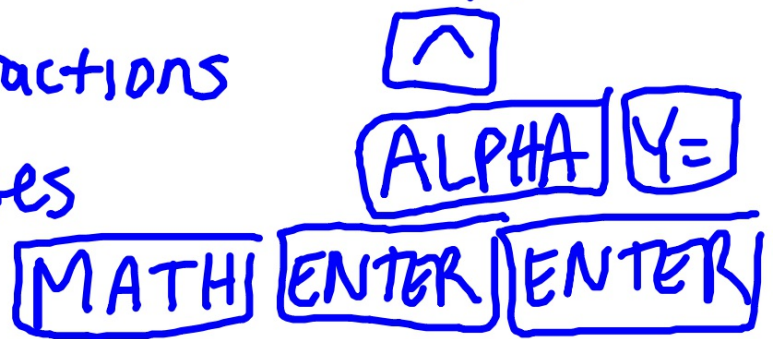
Summary:

$$x^0 = 1$$

$$x^{-n} = \frac{1}{x^n}$$

Leave answers as fractions

~~\*~~ Use parentheses



$$1) \frac{-4x^5}{y^2}$$

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

$$3) \frac{2d^7y^3}{8c^6x^4} = \frac{d^7y^3}{4c^6x^4}$$

$$4) \frac{z^3}{xy^2}$$

$$5) \frac{3x^3}{yz}$$

$$6) y^2$$

$$7) \frac{1}{343}$$

$$8) \frac{q^4}{r^2}$$

~~9)~~

$$10) \frac{16}{y^5z^5}$$

$$11) \frac{5a^3}{b^2}$$

$$12) \frac{p}{n^5m^2}$$

$$13) \frac{r^3}{16p^2}$$

5-1 Worksheet B

$$15) \frac{-3x^3}{yz}$$

$$16) \frac{2x^4y^5}{3z^3}$$

$$17) \frac{1}{x^4}$$

$$18) \frac{z^2}{x^2y^3}$$

$$19) -1$$

~~20)~~

$$21) \frac{10fh^2}{g^5}$$

~~22)~~

$$23) 9$$

$$24) \frac{25}{9}$$

$$25) 45$$

$$26) \frac{9}{16}$$

$$27) -\frac{20}{9}$$

**5-1 Worksheet B**

$$\begin{array}{llll} 1) 1 & 2) \frac{1}{25} & 3) \frac{d^7}{c^5} & 4) \frac{14}{c^5 m^2} \\ 5) \frac{q^2}{p^4} & 6) \frac{3z^3}{2x^4 y^2} & 7) \frac{25}{81} & 8) -\frac{27}{400} \\ 9) \frac{1}{32} & 10) 1 & 11) \frac{5s^2}{t} & 12) 4x^3 \\ 13) -2 & 14) \frac{1}{8} & & \end{array}$$

5-1 Worksheet A