Write each of the following as:

Repeated Multiplication	Power	Standard form [Evaluate]
A. 3 x 3 x 3 x 3 x 3 x 3 =	3^6	729
B. 7=	7^1	7
C. 4 x 4 x 4=	4^3	64

What is the base in each of the following:

A. 8^7 B. $(-10)^5$ C. $(\frac{1}{4})^3$

Base 8 -10 $\frac{1}{4}$

$\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$

What if a power has a negative sign?

	A. $(-3)^4$	B. -3^4	C. $-(-3)^4$	D. $-(3)^4$
Base	-3	3	-3	3
Repeated multiplication	-3x-3x-3x-3	-(3x3x3x3) -3x3x3x3	-(-3x-3x-3x-3)	-(3x3x3x3)
Evaluate	81	-81	-81	-81

	Base	Repeated multiplication	Evaluate [standard form]
A. 4^5	4	4x4x4x4x4	1024
* B. -2^5	2	-(2x2x2x2x2)	-32
C. $(-2)^5$	-2	-2x-2x-2x-2x-2	-32
D. $(-2)^4$	-2	-2x-2x-2x-2	16
E. -2^4	2	-(2x2x2x2)	-16

Evaluate The following:

Standard Form.

A. 10^5 B. $(-5)^3$ C. $-(2.3)^6$

Base 100 000 -125 -148.03

D. $(-3)^2$

9

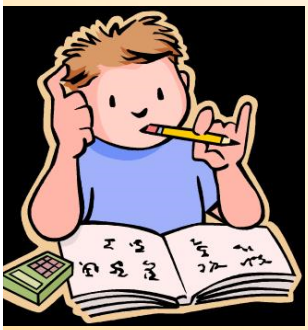
Predict whether the final answer will be positive or negative:

a. $(-2)^3$ (−)

B. $-(2)^4$ (−)

C. $-(-3)^4$ (−)

D. -3^3 (−)



Homework questions

Page 55-56

7, 8, 9,

chart

12, 13, 14

Write the question!

#7.

power	base
a) 2^7	2

#8.

power	exponent
a) 2^5	5

#9.

power	R.N
a) 3^2	3x3

Pg 473 Answered!!!