Math 8E: Unit 3.3 part 2: Power Rules and Scientific Notation

1. What are the other exponent laws?

|  |  |  |
| --- | --- | --- |
| name | theory | Example |
| Power to a power |  |  |
| Power to a product |  |  |
| Power to a quotient |  |  |

Try:

1. What is scientific notation?

-used to show very large and very small numbers

Ex: 800,000,000,000,000,000,000,000 km=size of the universe

Ex: chance to win 6/49 = 1 in 14 million =

Note: for large numbers, we use \_\_\_\_\_\_\_\_ exponents on the powers of 10

 For small numbers, we use \_\_\_\_\_\_\_\_exponents on the powers of 10

Also:

-workbook: pg 40 #3-6, 8, 10, 11: left side

-handout