Name: $\qquad$
Math 9
Guided notes 1a. 4

Rules of Exponents

|  | Long method | Short cut | Rule |
| :--- | :--- | :--- | :--- |
| Multiplying |  |  |  |
|  |  |  |  |
| Dividing |  |  |  |
| Powerto a |  |  |  |
| power |  |  |  |

When you multiply, ORDER DOES NOT MATTER. So you can...
Take a product to a power by splitting it up:

Take a quotient to a power by splitting it up:

Practice:

|  |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

