Name:

6.1 Properties of Exponents

**Identify the exponent property used in each step of the problem.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.) | |  |  | | --- | --- | |  | Given | |  |  | |  |  | |  |  | |  |  | | 2.) | |  |  | | --- | --- | |  | Given | |  |  | |  | Fraction Multiplication | |  |  | |  |  | |  | Fraction Multiplication | |  |  | |  |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 3.) | |  |  | | --- | --- | |  | Given | |  | Fraction Multiplication | |  |  | |  |  | |  | Fraction Multiplication | | 4.) | |  |  | | --- | --- | |  | Given | |  | Fraction Multiplication | |  | Multiplication | |  |  | |  | Fraction Multiplication | |  |  | |  |  | |  | Simplify Fraction | |  | Fraction Multiplication | |