**6.1 Properties of Exponents**

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| **Power of Powers:** |  |
| **Product of Powers:** | **Quotient of Powers:** |
| **Power of a Product:** | **Power of a Quotient:** |
| **Negative Exponent:** | **Zero Exponent:** |

**Simplify the expression.**

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| **1.)** | (7b-3)2·b4 | **2.)** | $\frac{3(xy^{2})^{3}}{27x^{3}y^{-1}}$  |