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| **Homework 3 Negative Exponents and Zero Exponents** | | | **Unit 1** | |
| **Zero Exponents** x0 = 1 Any base raised to the power of 0 is 1. | | | | |
| **Negative Exponents** x −n If a base has a negative exponent, then you must take the  reciprocal of the base and make the exponent positive. (Hint: *The*  *base with the negative exponent switches places in the fraction*.)  EX: x − n =  The reciprocal of x is . | | | | |
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| **Simplify.** **You cannot have negative exponents in the answer.** | | | | |
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