# Practice Test for Polynomial Unit

**Learning Objectives:**

1. Simplify expressions using exponents.
2. Identify whether an equation is an identity.
3. Add and subtract polynomial functions.
4. Multiply polynomial functions.

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| **Question #** | **Learning Objective** | **Know It** | **Feel Unsure** |  | **Right** | **Wrong** | **Simple Mistake** | **Need to Study** |
| 1 | A |  |  |  |  |  |  |  |
| 2 | B |  |  |  |  |  |  |  |
| 3 | C |  |  |  |  |  |  |  |
| 4 | D |  |  |  |  |  |  |  |

1. Simplify:
2. Which of these equations are identities? How do you know?

a) b) c)

1. Given and , find and .
2. Given and , find .