**Chapter Seven Outcomes: Multiplying and Dividing Polynomials**

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| **Lesson Goals**  *Place a checkmark in the box that best describes your work.* | **Yes, on my own** | **Yes, with help** | **Sometimes/ Not sure** | **Not yet** |
| 1. I can model multiplication and division of a monomial by a monomial. |  |  |  |  |
| 1. **I can multiply a monomial by a monomial.** |  |  |  |  |
| 1. **I can divide a monomial by a monomial.** |  |  |  |  |
| 1. I can model multiplication and division of a polynomial by a monomial. |  |  |  |  |
| 1. **I can multiply a polynomial by a monomial.** |  |  |  |  |
| 1. **I can divide a polynomial by a monomial.** |  |  |  |  |
| 1. I can identify errors in the simplification of a polynomial expression. |  |  |  |  |

**Chapter Seven: Multiplying and Dividing Polynomials**

**Outcome 1:** I can model multiplication and division of a monomial by a monomial.

Examples: Pg.255 Example 1; Pg.256 Example 3

Basic Questions: Pg.260 #3-6; Pg.261 #11-14

**Outcome 2: I can multiply a monomial by a monomial.**

Examples: Pg.256 Example 2

Basic Questions: Pg.260 #7-10; Pg.262 #17

Advanced Questions:Pg.262 #22,23; Pg.263 #27

**Outcome 3: I can divide a monomial by a monomial.**

Examples: Pg.258 Example 4

Basic Questions:Pg.261 #15,16; Pg.262 #18,19

Advanced Questions:Pg.262 #20,21; Pg.263 #24,26

**Outcome 4:** I can model multiplication and division of a polynomial by a monomial.

Examples: Pg.266 Example 1,2; Pg.273 Example 1

Basic Questions: Pg.269 #4-9; Pg.270 #10,11; Pg.275 #3-5; Pg.276 #6,7

**Outcome 5: I can multiply a polynomial by a monomial.**

Examples: P.267 Example 3

Basic Questions:Pg.270 #12,13,14

Advanced Questions: Pg..270 #15-17; Pg.271 #18-21

**Outcome 6: I can divide a polynomial by a monomial.**

Examples: Pg.274 Example 2

Basic Questions: Pg. 276 #8,9,10,12,13; Pg.277 #15

Advanced Questions: Pg.276 #11; Pg.277 #14, 16-19

**Outcome 7:** I can identify errors in the simplification of a polynomial expression.

Basic Questions: Pg.259 #2; Pg.268 #3; Pg.275 #2

**Chapter Seven Vocabulary**

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| --- | --- |
| **Term** | **Definition** |
| Distributive property |  |
| Polynomial |  |
| Monomial |  |
| Binomial |  |