



Today's **Learning Targets:**  
REVIEW

### 7-1. Zero and Negative Exponents

- \* **I CAN** simplify expressions with zero exponents
- \* **I CAN** simplify expressions with negative exponents

### 7-3. Multiply powers with same base

- \* **I CAN** multiply powers with the same base

### 7-4 More Multiplication Properties

- \* **I CAN** multiply a power to another power
- \* **I CAN** multiply a product to a power

## Steps to Simplifying Exponents

1. Parenthesis:

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2. Same Base Number:

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3. Negative Expo:

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$$(2x^5y^6)^3 (3x^7y^4)^3$$

$$-2x^3 \cdot 3y^2 \cdot 4y^{-5} \cdot x^3$$