

Lesson 4.2: Evaluating Number Expressions

Targets

1. I can evaluate expressions using the correct order of operations.
2. I can evaluate expressions with exponents.

Order of Operations (PEMDAS)

First, attempt this problem on your own. Then watch the video and copy the notes.

Your attempt:

$$7 \cdot 2 + (7 + 3 \cdot (5 - 2)) \div 4 \cdot 2 =$$

Video Notes:

$$7 \cdot 2 + (7 + 3 \cdot (5 - 2)) \div 4 \cdot 2 =$$

Khan Activity: Order of Operations

Complete this activity on Khan.

Order of Operations with Exponents Example

Watch the video and take notes for each problem here:

1.) $2 \cdot 3^2 =$

2.) $(2 \cdot 3)^2 =$

3.) $2 \cdot 4 + 1^2 =$

4.) $(2 \cdot 4 + 1)^2 =$

5.) $1 + 5 \cdot \frac{81}{9} =$

6.) $(1 + 5) \cdot \frac{81}{9} =$

Khan Activity: Order of Operations 2

Complete this activity on Khan.

Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
 - a. Order of Operations
 - b. Order of Operations 2