**Lesson #1: Order of Operations**

**CLO: Students will analyze the orders of operations to strengthen their problem solving skills in mathematics.**

**Warm-Up**

**Get out your planner and write the following entries:**

1. **Summer homework due Friday**
2. **Materials due Friday**
3. **Week 1 homework due Friday**

**A key to being successful in Algebra is to understand what you are going to do and why you are doing it. Look at the objective and fill in the following statements below.**

**What are you going to be doing today in class?**

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**Why are you going to be doing this?**

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**Think about a place in the real world where you might see something done in a specific order.**

**Why does it have to be done in a specific order?**

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**What would happen if it was done out of order?**

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**Please write what you know about the orders of operations.**

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**Challenge: Come up with a challenging order of operations problem and solve it! (make sure you show each step)**

**Important information from class discussion**

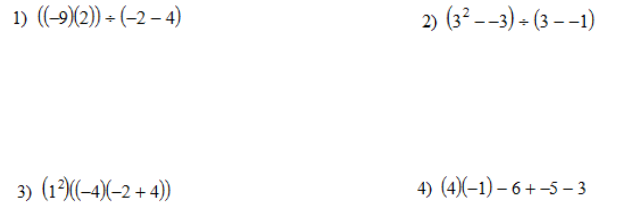
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**Look at the problem below, decide what you should do first to simplify the problem and write in a complete sentence what your first step should be.**

**3(4 + 7) – 5(7)**

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**Pick two of the four problems below and simplify them and circle your answers. In a few minutes I will show my work for each one and you can check your answers. If you finish early pick a third one to try.**

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