Lesson 1: Exponential Notation

Exit Ticket

1.
   a. Express the following in exponential notation:

   \[ (-13) \times \cdots \times (-13) \text{, 35 times} \]

   b. Will the product be positive or negative? Explain.

2. Fill in the blank:

   \[ \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} = \left( \frac{2}{3} \right)^4 \]

3. Arnie wrote:

   \[ (-3.1) \times \cdots \times (-3.1) = -3.1^4 \text{, 4 times} \]

   Is Arnie correct in his notation? Why or why not?