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## Order of Operations – A Word Problem Written as an Expression with Parentheses, Brackets, and Braces (5.OA.A.1, 5.OA.A.2)

Andrew invented lawn mowing, snow throwing robots. He made the first 2. Then, he produced 3 less than seven times that amount. A factory fabricated  $2^8$  robots of which he gave 12 to charity. Of the total remaining robots, Andrew kept four as display models and sold the rest. How many robots did he sell?

**Directions:** Evaluate the following expression using order of operations.

$$\{2+[7 \times 2-3+(2^8-12)]\} - 4$$