Warm-up continuation:
I. Using paper and pencil, work with a partner to simplify the expressions.
a. $4+3 \times 2=$
b. $5+4^{2}+24 \div 6=$
II. Using a calculator, enter the following expressions and record the answer. Compare your answers with your answers above. If there were any differences, why?
a. $4+3 \times 2=$
b. $5+4^{2}+24 \div 6=$

| What is a numerical expression? | A numerical expression includes only numbers and <br> operational symbols |
| :---: | :--- | :--- | :--- | :--- |
| What does it mean to simplify? | To simplify is to find an equivalent expression that is <br> simpler than the original |
| What is the order of operations? | Order of operations is a series of steps to solve numerical <br> expressions. <br> 1. Perform operations in grouping symbols first <br> 2. Find the values of the number with exponents <br> 3. Multiply or divide from left to right as ordered in <br> the problem. <br> Add or subtract from left to right as ordered in <br> the problem. |

## Order of Operations



