

Lesson 5d: Order of Operations

Objective: Use the order of operations to simplify expressions

Complete on a separate sheet of paper and turn in to the basket.

Warm-up: Divide.

1. $600 \div 60 =$
2. $25,000 \div 500 =$
3. $32 \overline{)672}$
4. $15 \overline{)107}$
5. Maggie rides her horse 3 more miles than Tasha. Emma rides 5 more miles than Tasha. Catherine rides 2 fewer miles than Emma. Emma rides 6 miles.
How many miles does each girl ride?

Vocabulary:

When there are more than two terms in an expression, you must follow a set of rules called the **order of operations**.

Order of Operations	
1.	Simplify the terms within parentheses .
2.	Simplify the terms with exponents .
3.	Multiply and divide from left to right.
4.	Add and subtract from left to right.

P	Parentheses
E	Exponent
MD	Multiply or Divide
AS	Add or Subtract

Watch Brainpop Video: Oder of Operations

<http://www.brainpop.com/math/numbersandoperations/orderofoperations/>

Practice: Complete in your journal.

1. $5 + (8 - 6)$
2. $(14 \div 2) \times 5$
3. $25 + (2 + 20) - 40$
4. $(12 + 13) \times (8 \div 4)$

Practice 5.6

App on the iPad: Name that Number



Homework: Order of Operations (HW 5.6)