Order of Operations

Key Concept and Vocabulary

Order can make a difference.

We have to agree on an order.

1st Parentheses → $5 - (1 + 2) = 5 - 3 = 2$

2nd Multiply and divide. → $2 + 3 \times 4 = 2 + 12 = 14$

3rd Add and subtract. → $5 - 3 + 4 = 2 + 4 = 6$

PRACTICE MAKES *PURR*-FECT™

Check your answers at BigIdeasMath.com.

Write the answer in ▢ **.**

1. $15 - 3 \times 2 = \boxed{9}$

2. $12 + 8 \div 2 = \boxed{16}$

3. $(9 - 4) - 3 = \boxed{2}$

4. $5 \times 4 - 2 = \boxed{18}$

5. $9 - (5 - 4) = \boxed{8}$

6. $16 \div (5 - 3) = \boxed{8}$

7. MAGIC OPERATION SQUARE Use the **numbers** in the boxes to fill in the magic operation square.

	9	−	4	+	1	= 6
4	+	▩	×	▩	×	
2	8	÷	2	+	5	= 9
8	−	▩	−	▩	+	
3	6	×	3	−	7	= 11
5	= 11	= 5		= 12		

4, 2, 8, 3, 5

= 11   = 5   = 12

Topic 3.4