Name:

Date:

School:

Facilitator:

**1.03 Order of Operations**

Evaluate each expression. Show ALL your work.

**Example:**

 5 ∙ 7 – 6 ÷ 2 + 32
 5 ∙ 7 – 6 ÷ 2 + 9 **Evaluate 32 = 3 ∙ 3 = 9**
 35 – 6 ÷ 2 + 9 **Multiply 1st since it comes first in the problem**
 35 – 3 + 9 **Divide next because it comes next in PEMDAS**
 32 + 9 **Subtract 1st since it comes first in the problem**
 41

1. 3 + 2 ∙ 3 + 5
2. (4 + 5)7
3. 50 – (15 + 9)
4. 15 ÷ 3 ∙ 5 - 42
5. $\frac{\left(4 ∙3\right)^{2} ∙ 5}{9+3}$
6. [7(2) – 4] + [9 + 8(4)]
7. $\frac{2 ∙8^{2}- 2^{2}∙8}{2 ∙8}$
8. 24 ÷ 3 – 2 · 3

1. 36 – 2(1 + 3)2

1. 40 - 23 ÷ 4 + 3(22)