

Starter $(-2)(-2) = 4$ 31 AUG 2018

$$\begin{aligned}
 1. \quad & 3 - (6-8)^2 - 12 \div 4(2) = \\
 & 3 - (-2)^2 - 12 \div 4(2) \\
 & 3 - (4) - \cancel{12} \div 4(2) \\
 & 3 - (4) - \underline{3(2)} \quad \boxed{-7} \\
 & 3 - (4) - 6 = -1 + 6
 \end{aligned}$$

Order of Operations
Practice Work # 1

$$\begin{aligned}
 & 4 \cdot 4 \cdot 4 = 64 \\
 1. \quad & 3 \cdot (2 \cdot 4^3) \div 4 \\
 & 3 \cdot (2 \cdot 64) \div 4 \\
 & 3 \cdot (128) \div 4 \\
 & \underline{384} \div 4 = \boxed{96}
 \end{aligned}$$

$$2. \quad (4^3 + 2 - 1)$$

$$(64 + 2 - 1)$$

$$(66 - 1)$$

$$\boxed{65}$$

$$3. \quad (5 \cdot 3) \cdot 1 + 5$$

$$(15) \cdot 1 + 5$$

$$15 + 5$$

$$\boxed{20}$$

4. $1 - 5(7^2 - 2^3 - 6)$

$1 - 5(49 - 8 - 6)$

$1 - 5(41 - 6)$

$1 - 5(35)$

$1 - 175 = -174$

5. $2 - 5 + 4 \div 2(2 - 3)$

$2 - 5 + 4 \div 2(-1)$

$2 - 5 + 2(-1)$

$2 - 5 + (-2) = -5$

6. $2 - [5 + 4 \div 2(2 - 3)]$

$2 - [5 + 4 \div 2(-1)]$

$2 - [5 + 2(-1)]$

$2 - [5 + (-2)]$

$2 - [3] = -1$

Start work on OOO quiz.