

The Order of Operations

P Parentheses

E Exponents

M Multiplication } In order from left to right

D Division

A Addition } In order from left to right

S Subtraction

$$\begin{array}{l} 1) (1+5) \cdot (1+5) \\ 6 \cdot 6 \\ 36 \end{array} \quad \begin{array}{l} 2) 3 \cdot (4+16) \\ 3 \cdot 20 \\ 60 \end{array}$$

$$\begin{array}{l} 3) 24 + 6 \cdot (16 \div 2) \\ 24 + 6 \cdot 8 \\ 24 + 48 \\ 72 \end{array} \quad \begin{array}{l} 4) 5 \cdot \frac{(-6) - 2}{2} \\ 5 \cdot \frac{(-8)}{2} \\ \frac{-40}{2} \\ -20 \end{array}$$

$$\begin{array}{l} 5) 4 \cdot 5 - (3 - (-1)) \\ 4 \cdot 5 - (4) \\ 20 - 4 \\ 16 \end{array} \quad \begin{array}{l} 6) (-4) \cdot 3 \left(\frac{(-2) - 10}{-5} \right) \\ (-4) \cdot 3 \left(\frac{(-2) - (-2)}{-5} \right) \\ (-4) \cdot 3 \cdot (0) \\ (-12)(0) \\ 0 \end{array}$$