

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

## WS 4.4 - Still More Order of Operations

$$\begin{aligned} \textcircled{1} \quad & 50 \div 5^2 + 25 \\ & = 50 \div 25 + 25 \\ & = 2 + 25 \\ & = \textcircled{27} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & (50 \div 5)^2 + 25 \\ & = (10)^2 + 25 \\ & = 100 + 25 \\ & = \textcircled{125} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 40 \div 4 \cdot 2 - 3 \\ & = 10 \cdot 2 - 3 \\ & = 20 - 3 \\ & = \textcircled{17} \end{aligned}$$

$\overset{1}{2} \quad \overset{3}{4}$   
**PEMDAS**

$$\begin{aligned} \textcircled{4} \quad & 6(4+5-7) + 10 \\ & = 6(9-7) + 10 \\ & = 6(2) + 10 \\ & = 12 + 10 \\ & = \textcircled{22} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 3 \cdot 5^2 - 15 \cdot 2 \\ & = 3 \cdot 25 - 15 \cdot 2 \\ & = 75 - 30 \\ & = \textcircled{45} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 7 \cdot 8 - [20 - 10 \div (2+3)] \\ & = 7 \cdot 8 - [20 - 10 \div 5] \\ & = 7 \cdot 8 - [20 - 2] \\ & = 7 \cdot 8 - 18 \\ & = 56 - 18 \\ & = \textcircled{38} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 2 \cdot 3 + [16 - 4 \div (2-1)] \\ & = 2 \cdot 3 + [16 - 4 \div 1] \\ & = 2 \cdot 3 + [16 - 4] \\ & = 2 \cdot 3 + 12 \\ & = 6 + 12 \\ & = \textcircled{18} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 2 \cdot 4^2 + [(4+2 \cdot 3) - 3] \\ & = 2 \cdot 4^2 + [(4+6) - 3] \\ & = 2 \cdot 4^2 + [10 - 3] \\ & = 2 \cdot 4^2 + 7 \\ & = 2 \cdot 16 + 7 \\ & = 32 + 7 \\ & = \textcircled{39} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & (7-4) \cdot (4+2) \div (2+8-1) \\ & = 3 \cdot 6 \div (10-1) \\ & = 3 \cdot 6 \div 9 \\ & = 18 \div 9 \\ & = \textcircled{2} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & (6-3)^2 \cdot 2 \div (6^2 \div 2) \\ & = (3)^2 \cdot 2 \div (36 \div 2) \\ & = (3)^2 \cdot 2 \div 18 \\ & = 9 \cdot 2 \div 18 \\ & = 18 \div 18 \\ & = \textcircled{1} \end{aligned}$$