

**Order of Operations – PEMDAS Practice Worksheets**

Remember, PEMDAS (Please Excuse My Dear Aunt Sally) stands for:

**P**arentheses**E**xponents**M**ultiplication**D**ivision**A**ddition**S**ubtraction

$$\begin{aligned} 1. \quad & 14 + 18 \div 2 \times 18 - 7 = \\ & 14 + 9 \times 18 - 7 = \\ & 14 + 162 - 7 = \\ & 14 + 162 - 7 = \\ & = \mathbf{169} \end{aligned}$$

$$\begin{aligned} 2. \quad & 15 \times 18 + 12 \div 3 + 9 = \\ & 270 + 4 + 9 = \\ & = \mathbf{283} \end{aligned}$$

$$\begin{aligned} 3. \quad & 8 \times 4 + 9 - 9 + 18 = \\ & 32 + 9 - 9 + 18 = \\ & = \mathbf{50} \end{aligned}$$

$$\begin{aligned} 4. \quad & 11 \times 11 - 6 \times 17 + 4 = \\ & 121 - 102 + 4 = \\ & = \mathbf{23} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2 - 1 + 5 \times 4 \times 11 = \\ & 2 - 1 + 220 = \\ & = \mathbf{221} \end{aligned}$$

$$\begin{aligned} 6. \quad & 12 \div 3 \times 12 + 10 = \\ & 4 \times 12 + 10 = \\ & 48 + 10 = \\ & = \mathbf{58} \end{aligned}$$

$$\begin{aligned} 7. \quad & (11 + 42 - 5) \div (11 - 5) = \\ & (48) \div (6) = \\ & = \mathbf{8} \end{aligned}$$

$$\begin{aligned} 8. \quad & (9 + 33 - 6) \div 6 - 3^2 = \\ & (36) \div 6 - 9 = \\ & 6 - 9 = \\ & = \mathbf{-3} \end{aligned}$$

$$\begin{aligned} 9. \quad & 10 \div 5 + 10 - 9 \times 11 = \\ & 2 + 10 - 99 = \\ & = \mathbf{-87} \end{aligned}$$

$$\begin{aligned} 10. \quad & 9 + 15 \div 5 \times 13 = \\ & 2 + 3 \times 13 = \\ & 2 + 39 = \\ & = \mathbf{41} \end{aligned}$$

$$\begin{aligned} 11. \quad & 2 \times (9 \times 5 + 2^2) + 4 = \\ & 2 + (9 \times 5 + 4) + 4 = \\ & 2 + (45 + 4) + 4 = \\ & 2 + (48) + 4 = \\ & = \mathbf{54} \end{aligned}$$

$$\begin{aligned} 12. \quad & (19 - 8) \times (10 + 4) + 8^2 = \\ & (11) \times (14) + 64 = \\ & 154 + 64 = \\ & = \mathbf{218} \end{aligned}$$

$$\begin{aligned} 13. \quad & 2 - 20 \div 5 \times 4 = \\ & 2 - 4 \times 4 = \\ & 2 - 16 = \\ & = \mathbf{-14} \end{aligned}$$

$$\begin{aligned} 14. \quad & 18 \div 6 + 4 \times 15 = \\ & 3 + 4 \times 15 = \\ & 3 + 60 = \\ & = \mathbf{63} \end{aligned}$$

$$\begin{aligned} 15. \quad & 24 \div 4 + 14 \times 2 = \\ & 6 + 28 = \\ & = \mathbf{34} \end{aligned}$$