

Name:

Score:

ORDER OF OPERATIONS

PEMDAS WORKSHEET

Direction: Simply each expression

$$1. [(6.25 \div 2.5) + (1.2)^2] - 3.89 = \boxed{}$$

$$2. \left\{ \frac{9}{4} - \left[\left(\frac{1}{2} \right)^3 + 1\frac{1}{8} \right] \right\} \times 2^2 = \boxed{}$$

$$3. \left[\left(\frac{1}{2} \right)^2 \times \left(\frac{2}{3} \right)^2 \right] + 1\frac{5}{9} = \boxed{}$$

$$4. 2.8 \times [4.32 \div (3.3 - 2.7)^3] = \boxed{}$$

$$5. 12.9 - [(-1.8)^2 \div (-0.9)] = \boxed{}$$

$$6. 2\frac{5}{3} + \left[\frac{4}{5} \times \left(\frac{1}{2} - \frac{1}{3} \right) \right] = \boxed{}$$

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ANSWERS

$$1. [(6.25 \div 2.5) + (1.2)^2] - 3.89 = \boxed{0.05}$$

$$2. \left\{ \frac{9}{4} - \left[\left(\frac{1}{2} \right)^3 + 1\frac{1}{8} \right] \right\} \times 2^2 = \boxed{-2\frac{3}{4}}$$

$$3. \left[\left(\frac{1}{2} \right)^2 \times \left(\frac{2}{3} \right)^2 \right] + 1\frac{5}{9} = \boxed{1\frac{2}{3}}$$

$$4. 2.8 \times [4.32 \div (3.3 - 2.7)^3] = \boxed{56}$$

$$5. 12.9 - [(-1.8)^2 \div (-0.9)] = \boxed{16.5}$$

$$6. 2\frac{5}{3} + \left[\frac{4}{5} \times \left(\frac{1}{2} - \frac{1}{3} \right) \right] = \boxed{2\frac{11}{15}}$$