

Order of Operations

Name: _____ Score: _____

Use the PEMDAS/BODMAS rules!

$$10 - \left(\frac{2}{9} + 3 \div \frac{1}{3}\right) =$$

$$\left(-\frac{1}{2}\right) \div \frac{3}{4} \times \frac{2}{3} \times (-2) =$$

$$(-3) \div (2 \div (2 \times \frac{1}{2})) =$$

$$\left(\frac{1}{2} - \left(-\frac{1}{2}\right) \times (-3)\right) \times \frac{1}{2} =$$

$$\frac{1}{2} + \frac{1}{4} \times \left(2 - \frac{4}{5}\right) =$$

$$2 \times \left(\frac{1}{2} + \frac{1}{4} \div \left(-\frac{1}{2}\right)\right) =$$

$$-2 + (-2) - \left(\frac{1}{3} + 2\right) =$$

$$\left(1 - \frac{1}{2}\right) \times \left(-\frac{1}{4}\right) \div \left(-\frac{1}{8}\right) =$$

$$1 - \left(-\frac{2}{3}\right) + \left(-\frac{2}{4}\right) \times \frac{2}{3} =$$

$$(-1) \div (3 \div (2 \times \frac{1}{2})) =$$

$$\left(\frac{2}{4} + (-2) \div \left(-\frac{2}{2}\right)\right) \div \frac{6}{4} =$$

$$1 - \left(\frac{1}{3} + 2 \times \frac{1}{6}\right) =$$

Answers

Use the PEMDAS/BODMAS rules!

$$10 - \left(\frac{2}{9} + 3 \div \frac{1}{3}\right) = \frac{7}{9}$$

$$\left(-\frac{1}{2}\right) \div \frac{3}{4} \times \frac{2}{3} \times (-2) = \frac{8}{9}$$

$$(-3) \div \left(2 \div \left(2 \times \frac{1}{2}\right)\right) = -1\frac{1}{2}$$

$$\left(\frac{1}{2} - \left(-\frac{1}{2}\right) \times (-3)\right) \times \frac{1}{2} = -\frac{1}{2}$$

$$\frac{1}{2} + \frac{1}{4} \times \left(2 - \frac{4}{5}\right) = \frac{4}{5}$$

$$2 \times \left(\frac{1}{2} + \frac{1}{4} \div \left(-\frac{1}{2}\right)\right) = 0$$

$$-2 + (-2) - \left(\frac{1}{3} + 2\right) = -6\frac{1}{3}$$

$$\left(1 - \frac{1}{2}\right) \times \left(-\frac{1}{4}\right) \div \left(-\frac{1}{8}\right) = 1$$

$$1 - \left(-\frac{2}{3}\right) + \left(-\frac{2}{4}\right) \times \frac{2}{3} = 1\frac{1}{3}$$

$$(-1) \div \left(3 \div \left(2 \times \frac{1}{2}\right)\right) = -\frac{1}{3}$$

$$\left(\frac{2}{4} + (-2) \div \left(-\frac{2}{2}\right)\right) \div \frac{6}{4} = 1\frac{2}{3}$$

$$1 - \left(\frac{1}{3} + 2 \times \frac{1}{6}\right) = \frac{1}{3}$$