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3. Evaluate. Do not use a calculator.

c) $(-12.8) \div (-0.2) + 4.5 \div 0.5$ d) $(-4.8) \times (-0.4 + 0.6)^2$

4. Evaluate. Do not use a calculator.

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

b) $\left(-\frac{5}{4}\right) \div \left(-\frac{1}{4} + \frac{3}{2}\right)\left(-\frac{1}{4} + \frac{3}{2}\right)$

$$\text{c) } \left(-\frac{7}{10}\right) \div \left(-\frac{2}{5}\right) - \left(-\frac{1}{4}\right) \times \frac{1}{2}$$

$$\text{d) } \frac{6}{5} \times \left(-\frac{2}{3} + \frac{8}{3}\right)^2 - \frac{5}{12}$$

7. Evaluate.

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

$$\text{b) } \left(-\frac{2}{3}\right) \div \left[\frac{1}{4} + \left(-\frac{1}{2}\right)\right] \times \frac{1}{3}$$

$$\text{d) } \left(-\frac{2}{3}\right) \div \left[\frac{1}{4} + \left(-\frac{1}{2}\right) \times \frac{1}{3}\right]$$

12. Evaluate. State the order in which you carried out the operations.

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

$$d) \left(1\frac{5}{8}\right) - \left(-2\frac{3}{4} + 2\right)\left(-2\frac{3}{4} + 2\right)$$

$$13d) \frac{8.9 \times (-3.1 + 22.7)^2 + 4.7}{(-9.6) \div 0.04 - 0.4}$$

17. A student's solution to a problem, to the nearest hundredth, is shown below. The solution is incorrect. Identify the errors. Provide a correct solution.

$$\begin{aligned} & (-8.2)^2 \div (-0.3) - 2.9 \times (-5.7) \\ & = 67.24 \div (-0.3) - 2.9 \times (-5.7) \\ & = 67.24 \div (-0.3) - 16.53 \\ & = 67.24 \div (-16.83) \\ & \doteq 4.00 \end{aligned}$$