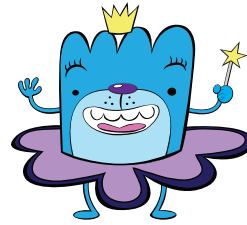


Name: _____

Date: _____

Answers

Order of Operations: Fractions



Use the order of operations (GEMDAS) to solve each problem below.
Remember to show each step of your work!

$$\begin{aligned}
 1. \quad & 5\frac{1}{2} + 9 \div 3 \\
 & = 5\frac{1}{2} + 3 \\
 & = 8\frac{1}{2}
 \end{aligned}$$

$$\begin{aligned}
 2. \quad & 6\frac{2}{3} - (\frac{1}{2} \times 4) \\
 & = 6\frac{2}{3} - 2 \\
 & = 4\frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 3. \quad & 18 + \frac{3^2}{4} \\
 & = 18 + \frac{9}{4} \\
 & = 18\frac{9}{4}
 \end{aligned}$$

$$\begin{aligned}
 4. \quad & \frac{1}{6} \div 2 + (7 - \frac{1}{3}) \\
 & = \frac{1}{6} \div 2 + 6\frac{2}{3} \\
 & = \frac{1}{12} + 6\frac{2}{3} \\
 & = 6\frac{9}{12} \\
 & = 6\frac{3}{4}
 \end{aligned}$$

5. Baker Hazel is making several cakes for a big party. She uses $\frac{1}{4}$ cup of butter for each cake she makes. She has a big tub that has six cups of butter in it. She needs to save $1\frac{1}{2}$ cups of butter to make frosting later. How many cakes can she make using the butter she has left?

$$\begin{aligned}
 & (6 - 1\frac{1}{2}) \div \frac{1}{4} \\
 & = 4\frac{1}{2} \div \frac{1}{4} \\
 & = 18
 \end{aligned}$$

She can make 18 cakes.