Fractions and Number Lines Practice

Place the following fractions on the number line. 25/100; 57/100; 32/100; 97/100

Place the following fractions and decimals on the number line: 5/10; 2/10; 0.8; 0.33; 0.75

Write the following decimals as fractions: 0.45= _____  0.3 = _____  0.81 = _____  0.7: _____
Converting Mixed Numbers and Improper Fractions Quiz

1. Paolo uses 3 \( \frac{1}{4} \) cups of oatmeal to make breakfast bars. Write the improper fraction for the amount of oatmeal he used.

2. Ms. Norman uses 12/4 cups of flour to bake sugar cookies. Write the mixed number for the amount of flour Ms. Norman used.

3. Each day for 7 days, Mr. Cole used \( \frac{1}{2} \) can of paint. What mixed number represents how much paint Mr. Cole used after 7 days?

4. Juanita is making bread. She needs 3 \( \frac{1}{2} \) cups of flour. Juanita only has a \( \frac{1}{4} \) -cup measuring cup. How many \( \frac{1}{4} \) cups of flour will Juanita use to prepare the bread?
Adding and Subtracting Fractions

1. At the start of art class, Logan had \(\frac{7}{12}\) of a block of clay. After class, \(\frac{5}{12}\) of the block was left. What fraction of the block did Logan use during class?

2. Samantha is mixing batter for muffins. She mixes \(\frac{2}{4}\) cup of flour and \(\frac{1}{4}\) cup of sugar. Then she adds \(\frac{1}{4}\) cup of milk. How much muffin batter has she mixed so far?

3. Maria is making cupcakes. She fills \(\frac{4}{12}\) of the cups with chocolate batter and \(\frac{7}{12}\) of the cups with vanilla batter. How many of the cups has Maria filled? Write an equation to justify your answer.

4. Oliver has 1 cup of granola. He added \(\frac{3}{8}\) cup to a bowl of yogurt. How much granola is left?