Grade 4 Module 5 Topic D Quiz

1. Solve. If the final answer is greater than 1 whole, record it as a mixed number.

a. $\frac{3}{4} + \frac{3}{4}$

b. $\frac{8}{12} + \frac{6}{12}$

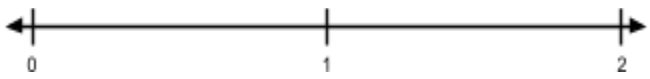
c. $\frac{9}{5} - \frac{3}{5}$

d. $\frac{11}{4} - \frac{6}{4}$

2. Solve. Model the problem with a number line, and solve by both counting up and subtracting.

a. $1 - \frac{2}{5}$

b. $1\frac{2}{7} - \frac{5}{7}$



3. Show. Express sums and differences as a mixed number when possible.

a. $\frac{3}{6} + \frac{1}{6} + \frac{3}{6}$

b. $\frac{5}{7} + \frac{7}{7} + \frac{2}{7}$

c. $1 - \frac{3}{12} - \frac{4}{12}$

d. $1\frac{2}{3} - \frac{1}{3} - \frac{1}{3}$

4. Sue ran $\frac{3}{4}$ mile on Monday, $\frac{3}{4}$ mile on Tuesday, and $\frac{1}{4}$ mile on Wednesday. How many miles did Sue run in the 3 days?

5. Mrs. Jones had $1\frac{3}{8}$ pizzas left after a party. After giving some to Gary, she had $\frac{7}{8}$ pizza left. What fraction of a pizza did she give Gary?

6. Use a tape diagram to represent each addend. Decompose one of the tape diagrams to make like units. Then, write the complete number sentence.

a. $\frac{1}{3} + \frac{1}{6}$

b. $\frac{3}{4} + \frac{1}{8}$

c. $\frac{3}{4} + \frac{5}{8}$

d. $\frac{5}{6} + \frac{1}{3}$