Name _____ Date _____

1. Estimate each sum or difference to the nearest half or whole number by rounding. Explain your estimate using words or a number line.

a. $3\frac{1}{10} + 1\frac{3}{4} \approx$ _____

b. $2\frac{9}{10} + 4\frac{4}{5} \approx$ _____

c. $9\frac{9}{10} - 5\frac{1}{5} \approx$ _____

d. $4\frac{1}{9} - 1\frac{1}{10} \approx$ _____

e. $6\frac{3}{12} + 5\frac{1}{9} \approx$ _____

2. Estimate each sum or difference to the nearest half or whole number by rounding. Explain your estimate using words or a number line.

   a. $\frac{16}{3} + \frac{17}{8} \approx$ _____

   b. $\frac{17}{3} - \frac{15}{4} \approx$ _____

   c. $\frac{57}{8} + \frac{26}{8} \approx$ _____

3. Gina's estimate for $7\frac{5}{8} - 2\frac{1}{2}$ was 5. Dominick's estimate was $5\frac{1}{2}$. Whose estimate do you think is closer to the actual difference? Explain.

4. Use benchmark numbers or mental math to estimate the sum or difference.

| | |
|---|---|
| a. $10\frac{3}{4} + 12\frac{11}{12}$ | b. $2\frac{7}{10} + 23\frac{3}{8}$ |
| c. $15\frac{9}{12} - 8\frac{11}{12}$ | d. $\frac{56}{7} - \frac{31}{8}$ |