Name ___________________________________________ Date __________________

1. Draw a tape diagram to represent each addend. Decompose one of the tape diagrams to make like units. Then write a complete number sentence. Use a number bond to write each sum as a mixed number.

   a. \( \frac{7}{8} + \frac{1}{4} \)  
   b. \( \frac{4}{8} + \frac{2}{4} \)

   c. \( \frac{4}{6} + \frac{1}{2} \)  
   d. \( \frac{3}{5} + \frac{8}{10} \)

2. Draw a number line to model the addition. Then write a complete number sentence. Use a number bond to write each sum as a mixed number.

   a. \( \frac{1}{2} + \frac{5}{8} \)  
   b. \( \frac{3}{4} + \frac{3}{8} \)
3. Solve. Write the sum as a mixed number. Draw a model if needed.

a. \( \frac{1}{2} + \frac{6}{8} \)

b. \( \frac{7}{8} + \frac{3}{4} \)

c. \( \frac{5}{6} + \frac{1}{3} \)

d. \( \frac{9}{10} + \frac{2}{5} \)

e. \( \frac{4}{12} + \frac{3}{4} \)

f. \( \frac{1}{2} + \frac{5}{6} \)

g. \( \frac{3}{12} + \frac{5}{6} \)

h. \( \frac{7}{10} + \frac{4}{5} \)