Can you complete the calculation using the same digit?

$$\frac{\square}{5} + \frac{1}{\square} = \frac{9}{10}$$

Complete the calculation.

$$\square\frac{\square}{\square} = 3\frac{1}{2} + 1\frac{1}{4}$$

- A jug contains some milk. Josh pours $\frac{1}{2}$ of the milk into a glass. Josh pours $\frac{3}{10}$ of the milk into another glass. What fraction of the milk is left?

- If the answer to a word problem involving subtracting fractions with different denominators is $\frac{14}{32}$, what could the question be?

- Katie subtracted $\frac{3}{5}$ away from a fraction and her answer was $\frac{8}{45}$. What was the original question?

- Think of 3 questions for adding fractions with different denominators where the answer is $\frac{15}{17}$.
  Could you do it? Why? Why not?

- Bashir says "I do not need to do any written calculations to solve $\frac{4}{8} + \frac{2}{4}$"
  Do you agree? Explain how you know.

- Emily says "When you add fractions together the answer is actually smaller because when the numerator is a bigger number the piece is actually smaller."
  What mistake has Emily made? Explain your answer using a diagram.

Fill in the blank boxes.

