Lesson 4 Problem Set

Name ___________________________________________ Date ____________________

1. For the following problems, draw a picture using the rectangular fraction model and write the answer. When possible, write your answer as a mixed number.

a. \( \frac{2}{3} + \frac{1}{2} = \)

b. \( \frac{3}{4} + \frac{2}{3} = \)

c. \( \frac{1}{2} + \frac{3}{5} = \)

d. \( \frac{5}{7} + \frac{1}{2} = \)
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\[ \frac{3}{4} + \frac{5}{6} = \quad \text{f.} \quad \frac{2}{3} + \frac{3}{7} = \]

Solve the following problems. Draw a picture, and write the number sentence that proves the answer. Simplify your answer, if possible.

2. Penny used \(\frac{2}{5}\) lb of flour to bake a vanilla cake. She used another \(\frac{3}{4}\) lb of flour to bake a chocolate cake. How much flour did she use altogether?
3. Carlos wants to practice piano 2 hours each day. He practices piano for \( \frac{3}{4} \) hour before school and \( \frac{7}{10} \) hour when he gets home. How many hours has Carlos practiced piano? How much longer does he need to practice before going to bed in order to meet his goal?