Name _____   Date _____

1. Draw a rectangular fraction model to find the sum. Simplify your answer, if possible.

a. $\frac{1}{4} + \frac{1}{3} =$

b. $\frac{1}{4} + \frac{1}{5} =$

c. $\frac{1}{4} + \frac{1}{6} =$

d. $\frac{1}{5} + \frac{1}{9} =$

e. $\frac{1}{4} + \frac{2}{5} =$

f. $\frac{3}{5} + \frac{3}{7} =$

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

2. Rajesh jogged $\frac{3}{4}$ mile, and then walked $\frac{1}{6}$ mile to cool down. How far did he travel?

3. Cynthia completed $\frac{2}{3}$ of the items on her to-do list in the morning and finished $\frac{1}{8}$ of the items during her lunch break. What fraction of her to-do list is finished by the end of her lunch break?
    (Extension: What fraction of her to-do list does she still have to do after lunch?)

4. Sam read $\frac{2}{5}$ of her book over the weekend and $\frac{1}{6}$ of it on Monday. What fraction of the book has she read? What fraction of the book is left?

Answer Key

1.
   a. Accurate picture drawn; $\frac{7}{12}$

   b. Accurate picture drawn; $\frac{9}{20}$

   c. Accurate picture drawn; $\frac{5}{12}$

   d. Accurate picture drawn; $\frac{14}{45}$

   e. Accurate picture drawn; $\frac{13}{20}$

   f. Accurate picture drawn; $1\frac{1}{35}$

2. $\frac{22}{24}$ or $\frac{11}{12}$ mi

3. $\frac{19}{24}$; $\frac{5}{24}$

4. $\frac{17}{30}$; $\frac{13}{30}$