Name Date

Solve by drawing the rectangular fraction model.

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

1. In one hour, Ed used $\frac{2}{5}$ of the time to complete his homework and $\frac{1}{4}$ of the time to check his email.
How much time did he spend completing homework and checking email? Write your answer as a fraction. (Extension: Write the answer in minutes.)

Name Date

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

|  |  |
| --- | --- |
| 1. $\frac{1}{4}+\frac{1}{3}=$$\frac{1}{4}+\frac{1}{3}= $
 | 1. $\frac{1}{4}+\frac{1}{5}=$$\frac{1}{4}+\frac{1}{5}= $
 |
| 1. $\frac{1}{4}+\frac{1}{6}=$$\frac{1}{4}+\frac{1}{6}= $
 | 1. $\frac{1}{5}+\frac{1}{9}=$$\frac{1}{5}+\frac{1}{9}= $
 |
| 1. $\frac{1}{4}+\frac{2}{5}=$$\frac{1}{4}+\frac{2}{5}= $
 | 1. $\frac{3}{5}+\frac{3}{7}=$$\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.

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

1. 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?)
2. 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?