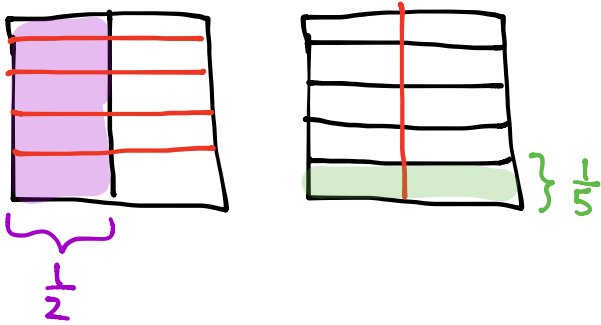Name _____   Date _____
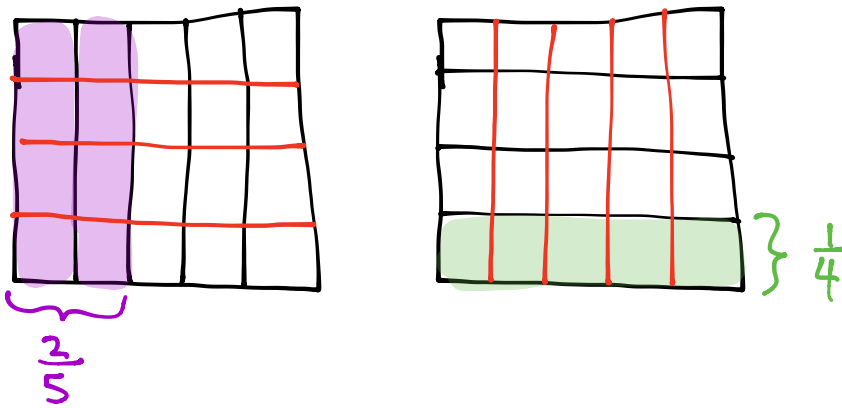
Solve by drawing the rectangular fraction model.

1. $\frac{1}{2}+\frac{1}{5}=\dfrac{5}{10}+\dfrac{2}{10}=\dfrac{7}{10}$

$\} \frac{1}{5}$

$\frac{1}{2}$

2. 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.)

$\dfrac{2}{5}+\dfrac{1}{4}=\dfrac{8}{20}+\dfrac{5}{20}=\dfrac{13}{20}$

$\} \frac{1}{4}$

$\frac{2}{5}$

Extension: one-twentieth of 60 minutes is 60 min ÷ 20 = 3 minutes

13 × 3 minutes = 39 minutes

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Lesson 3: Add fractions with unlike units using the strategy of creating
equivalent fractions.

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