Lesson 12 Problem Set

Name _______________________________  Date ______________

1. Subtract.
   a. \[ \frac{3}{5} - \frac{2}{4} = \]
   b. \[ \frac{4}{5} - \frac{3}{4} = \]

   c. \[ \frac{7}{5} - \frac{4}{3} = \]
   d. \[ \frac{7}{5} - \frac{5}{3} = \]

   e. \[ \frac{4}{7} - \frac{3}{3} = \]
   f. \[ \frac{9}{3} - \frac{2}{7} = \]
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2. Toby wrote the following:

\[
7 \frac{1}{4} - 3 \frac{3}{4} = 4 \frac{2}{4} = 4 \frac{1}{2}.
\]

Is Toby’s calculation correct? Draw a number line to support your answer.

g. \[17 \frac{2}{3} - 5 \frac{5}{6} = \]
h. \[18 \frac{1}{3} - 3 \frac{3}{8} = \]
3. Mr. Neville Iceguy mixed up $12\frac{3}{5}$ gallons of chili for a party. If $7\frac{3}{4}$ gallons of chili was mild, and the rest was extra spicy, how much extra spicy chili did Mr. Iceguy make?

4. Jazmyne decided to spend $6\frac{1}{2}$ hours studying over the weekend. She spent $1\frac{1}{4}$ hours studying on Friday evening and $2\frac{2}{3}$ hours on Saturday. How much longer does she need to spend studying on Sunday in order to reach her goal?