

Subtraction with Fractions and Mixed Numbers

Lesson 5-4

DATE


TIME

- 1 Fill in the missing numbers.

a. $5\frac{1}{4} = 4\frac{\boxed{5}}{4}$

b. $8\frac{7}{9} = \underline{\quad 7 \quad}\frac{16}{9}$

c. $\underline{\quad 4 \quad}\frac{3}{6} = 3\frac{9}{6}$

- 2 Estimate: **Sample answer:**  $\frac{7}{12} - \frac{3}{8} = \underline{\quad \frac{5}{24} \quad}$ between 0 and $\frac{1}{2}$

- 3 Jake has two pet guinea pigs named Fluffy and Scruffy. Fluffy is $8\frac{1}{8}$ inches long. Scruffy is $10\frac{1}{4}$ inches long. How much longer is Scruffy than Fluffy?

Number model: $\underline{10\frac{1}{4} - 8\frac{1}{8} = g}$

Estimate: **Sample answer: a little more than 2 inches**

Scruffy is $\underline{2\frac{1}{8}}$ inches longer than Fluffy.

- 4 Rachel is traveling by plane from Chicago to San Diego. The flight will take $4\frac{1}{4}$ hours. The plane took off $1\frac{2}{3}$ hours ago. How much longer will Rachel be on the plane?

Number model: $\underline{4\frac{1}{4} - 1\frac{2}{3} = f}$

Estimate: **Sample answer: a little more than 2 hours**

Rachel will be on the plane $\underline{2\frac{7}{12}}$ more hours.

- 5 Estimate: **Sample answer: about 1**

$$\begin{array}{r} 4\frac{1}{6} \\ - 3\frac{2}{6} \\ \hline \underline{\quad 1 \quad}\frac{5}{6} \end{array}$$

Try This

- 6 Estimate: **Sample answer: about 4**

$$\begin{array}{r} 9 \\ - 4\frac{7}{8} \\ \hline \underline{\quad 4 \quad}\frac{1}{8} \end{array}$$