

Name _____

Subtraction with Renaming



COMMON CORE STANDARD—5.NF.A.1
Use equivalent fractions as a strategy to add and subtract fractions.

Estimate. Then find the difference and write it in simplest form.

1. Estimate: _____

$$6\frac{1}{3} - 1\frac{2}{5}$$

$$\begin{array}{r} 6\frac{1}{3} \rightarrow 5\frac{5}{15} \\ - 1\frac{2}{5} \rightarrow -1\frac{6}{15} \\ \hline 4\frac{14}{15} \end{array}$$

2. Estimate: _____

$$4\frac{1}{2} - 3\frac{5}{6}$$

3. Estimate: _____

$$9 - 3\frac{7}{8}$$

4. Estimate: _____

$$2\frac{1}{6} - 1\frac{2}{7}$$

5. Estimate: _____

$$8 - 6\frac{1}{9}$$

6. Estimate: _____

$$9\frac{1}{4} - 3\frac{2}{3}$$

Problem Solving



7. Carlene bought $8\frac{1}{16}$ yards of ribbon to decorate a shirt. She only used $5\frac{1}{2}$ yards. How much ribbon does she have left over?

8. During his first vet visit, Pedro's puppy weighed $6\frac{1}{8}$ pounds. On his second visit, he weighed $9\frac{1}{16}$ pounds. How much weight did he gain between visits?

9. **WRITE** *Math* Write a subtraction problem that has mixed numbers and requires renaming. Draw a model illustrating the steps you take to solve the problem.

Lesson Check (5.NF.A.1)

1. Natalia picked $7\frac{1}{6}$ bushels of apples today and $4\frac{5}{8}$ bushels yesterday. How many more bushels did she pick today?
2. Max needs $10\frac{1}{4}$ cups of flour to make a batch of pizza dough for the pizzeria. He only has $4\frac{1}{2}$ cups of flour. How much more flour does he need to make the dough?

Spiral Review (5.NBT.A.1, 5.NBT.A.2, 5.NBT.B.6, 5.NBT.B.7)

3. The accountant charged \$35 for the first hour of work and \$23 for each hour after that. He earned a total of \$127. How many hours did he work?
4. The soccer league needs to transport all 133 players to the tournament. If 4 players can ride in one car, how many cars are needed?

5. What is five hundred million, one hundred fifteen written in standard form?

6. Find the quotient.

$$6.39 \div 0.3$$