

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Problem Solving with Fractions

- 1) Sarah had  $8\frac{1}{3}$  yards of yellow fabric and  $2\frac{3}{4}$  yards of orange fabric. She needs  $11\frac{2}{9}$  yards of fabric. **Does she have enough?**

Estimate:

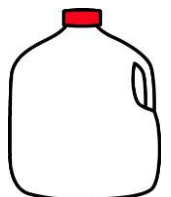
Solve: **Show all of your work** and **explain your thinking**. Include an appropriate **label**.



- 2) Mrs. Cole is ordering for her weekend BBQ. She needs  $8\frac{1}{3}$  gallons of juice. She already has  $2\frac{3}{4}$  gallons in her fridge. **How many more gallons of juice does she need to buy?**

Estimate:

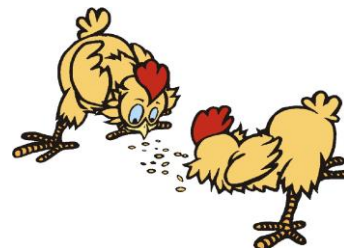
Solve **Show all of your work** and **explain your thinking**. Include an appropriate **label**.



- 3) Trevor has  $8\frac{1}{3}$  pounds of feed for his chickens. He notices that  $2\frac{3}{4}$  pounds of the feed is organic. **How many pounds of feed is organic?**

Estimate:

Solve: **Show all of your work** and **explain your thinking**. Include an appropriate **label**.



- 4) The baker has  $8\frac{1}{3}$  cups of flour. He needs to put equal amounts in containers that hold  $2\frac{3}{4}$  cups of flour each. **How many containers does he need?**

Estimate:

Solve: **Show all of your work** and **explain your thinking**. Include an appropriate **label**.

