

Suppose you have one full cup of coffee and you drink $\frac{1}{6}$ of it. You replace what you drank with milk. Next, you drink $\frac{1}{3}$ of the coffee/milk mixture. Again, you replace what you drank with more milk. Then, you drink $\frac{1}{2}$ of what is in your cup. Once again, you replace what you drank with milk. (You seem to like to have a full cup.) Finally, you drink the entire cup of the coffee/milk mixture. Have you had more coffee or more milk? How much of each have you had?