

## 4.NF Cynthia's Perfect Punch

### Task

Cynthia is making her famous "Perfect Punch" for a party. After looking through the recipe, Cynthia knows that she needs to mix  $4\frac{5}{8}$  gallons of fruit juice concentrate with  $3\frac{7}{8}$  gallons of sparkling water.

- Just as she is about to get started she realizes that she only has one 10-gallon container to use for mixing. Will this container be big enough to hold all the ingredients?
- How much punch will this recipe make?



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