

Mixing Sky Blue Paint



Mark mixes 5 cups of blue paint with 2 cups of white paint to make *Sky Blue* paint.

Amy wants a sample of the paint to try on her walls.

1. Mark takes out 1 cup of the *Sky Blue* paint and gives it to Amy.

How much white paint is in the 1 cup?

How much blue paint is in the 1 cup?

Make a diagram to answer the problem.

2. Mark takes $\frac{1}{2}$ cup of the original *Sky Blue* paint mixture for a sample.

How much white paint is in the $\frac{1}{2}$ cup?

Explain and/or show how you know the amount of white paint in the $\frac{1}{2}$ cup.