

Mixing Sea Green Paint - Example Answers



This page includes selected example answers and approaches.
Other approaches and answers may be possible and appropriate.



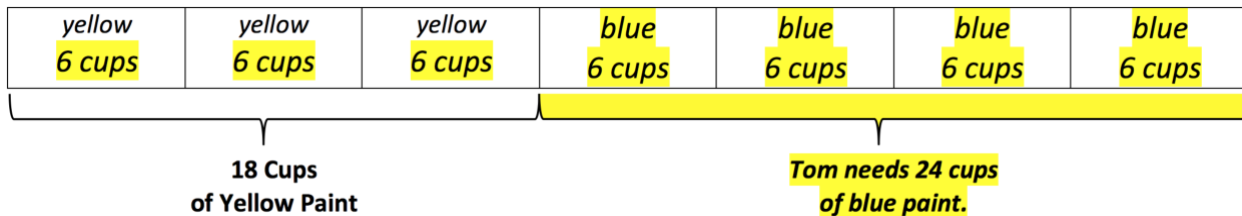
To make *Sea Green* paint, mix 3 parts of yellow paint with 4 parts of blue paint. The ratio is 3 : 4.

Tom has 18 cups of yellow paint. He wants to use all the yellow paint to make *Sea Green* paint.

How much blue paint should he mix with the yellow paint to make *Sea Green* paint?

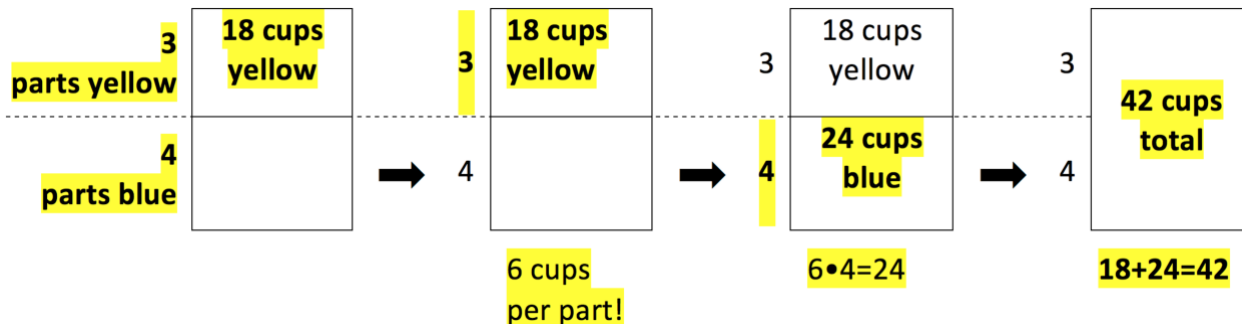
- Tom starts to make the diagram below. **Complete the diagram** to find how many cups of blue paint he needs.

Example:



- Draw a **different** diagram to represent and solve the problem.

Example:



- Write the missing amounts on the directions to help Tom make *Sea Green* paint.

Directions for Sea Green Paint

Use the ratio of 3 : 4 to mix yellow and blue paint

yellow paint:	18	cups
blue paint:	24	cups
total amount of sea green paint:	42	cups