There are three walls in Jordan’s living room. The three walls, shown here, are 12 feet, 9 feet and 10 feet wide, respectively. Each wall has a height of 8 feet with a 6-inch baseboard along the bottom. The largest of the three walls contains a window that measures 5 feet by 6 feet. Jordan plans to paint the three walls of his living room by mixing together some paint he already has, which includes white #2, magenta #3, red #4, yellow #5 and green #6. Jordan has decided to paint two of the walls a pale goldenrod and the third wall will be painted burnt umber.

Suppose that 1 gallon of paint is used to cover 400 sq feet. Jordan plans to apply four coats of the goldenrod paint mixture to the 12-foot wall and the 9-foot wall leaving only the window and baseboard unpainted. How many gallons of the goldenrod paint mixture will he need? Express your answer as a decimal to the nearest hundredth.

To apply two coats of the burnt umber paint mixture to the 10-foot wall, Jordan determines that he will use 3 pints of paint. In order to create the burnt umber mixture, Jordan needs to mix magenta #3, yellow #5 and green #6 in the ratio of 4:9:2, respectively. What is the positive difference between the number of pints of magenta #3 and yellow #5 Jordan will use to create 3 pints of the burnt umber mixture?

Jordan decides to be on the safe side and create 2 gallons of the goldenrod paint mixture. The formulation for the goldenrod paint mixture calls for the use of white #2, red #4, yellow #5 and light green #9 in the ratio of 2:1:5:10, respectively. Jordan realizes that he does not have light green #9, but sees that he can create it using yellow #5 and green #6 in the ratio 14:1. Assuming Jordan creates the 2 gallons of goldenrod paint mixture correctly, what is the total amount of yellow #5 he used, in gallons? Express your answer as a mixed number.