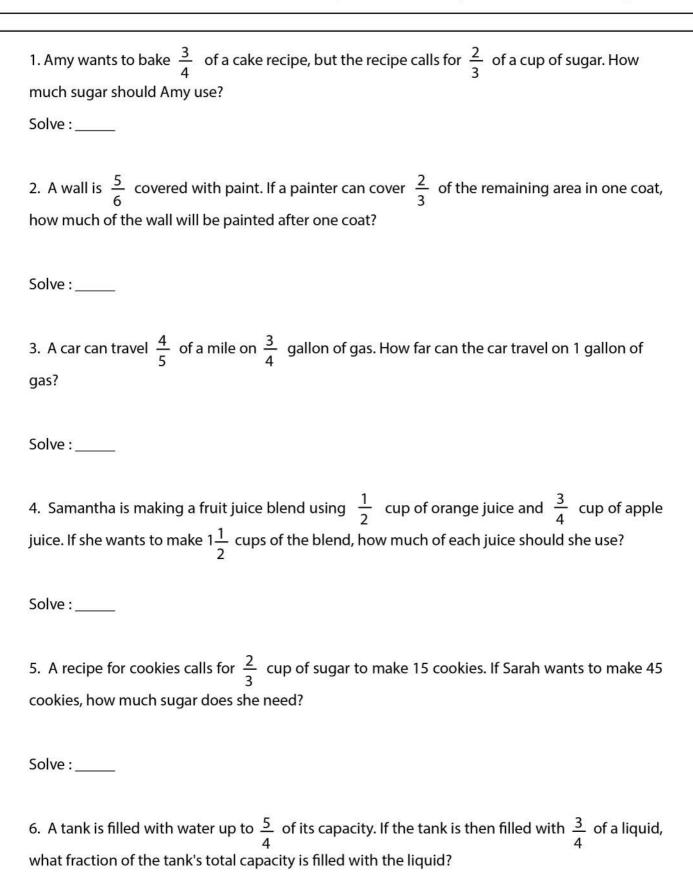
Word Problems of Dividing Fractions by Cross Canceling



Solve : _____

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7. John has a rectangular garden plot that is $\frac{5}{6}$ full. If he divides the plot equally among 3 friends, what fraction of the original plot will each friend receive?
Solve :
8. A room is $\frac{2}{3}$ painted. If a painter can complete $\frac{3}{4}$ of the remaining painting in one hour, how much more time is needed to finish painting the room?
Solve :
9. A farmer has $\frac{3}{4}$ of a bag of animal feed. If he feeds each animal $\frac{1}{2}$ of a bag, how many animals can he feed?
Solve :
10. Emily has $\frac{7}{8}$ of a bag of candies, and she wants to share them equally among herself and 4 friends. How many candies will each person receive?
Solve :
11. A recipe for a smoothie calls for $\frac{3}{4}$ cup of yogurt. If $\frac{2}{3}$ of the yogurt is used to make the smoothie, what fraction of the original amount of yogurt is used in the smoothie?
Solve :
12. A car travels $\frac{2}{3}$ of a distance in $\frac{1}{2}$ hour. How long will it take the car to travel the entire distance?
Solve :