

# Solve the following Word Problems

1. Mary wants to bake cookies for a fundraiser. She decides to make  $4\frac{1}{2}$  dozen batches of cookies, and each batch requires  $2\frac{3}{4}$  cups of flour. How many cups of flour will she need in total?
2. Alex is planning a rectangular garden for his backyard. The garden will be  $5\frac{1}{4}$  feet wide and  $3\frac{2}{3}$  feet long. What is the total area of the garden in square feet?
3. Lisa is baking pies for a charity event. Each pie requires  $3\frac{1}{4}$  cups of filling. She plans to bake  $7\frac{2}{3}$  pies. How many cups of filling will she need in total?
4. Tom is planting seeds in his garden. Each row requires  $2\frac{1}{5}$  packets of seeds, and he plans to plant  $6\frac{3}{4}$  rows. How many packets of seeds will he need in total?
5. A car can travel  $15\frac{1}{3}$  miles per gallon of fuel. If the car's fuel tank holds  $8\frac{2}{3}$  gallons of fuel, how far can the car travel on a full tank?
6. John is building a rectangular fence around his garden. The fence is  $3\frac{2}{3}$  feet high and  $5\frac{1}{4}$  feet long. How much fencing material does he need in total?