

**Interpret recipes to make related amounts**

1. A recipe for a refreshing drink requires 1 teaspoon of crushed ginger for every 3 litres of water. How many teaspoons of ginger would be required to make a recipe with 15 litres of water?
2. A particular lawn-mower fuel contains equal amounts of oil and petrol. A container holds 5 L of fuel. How much oil does it contain?
3. A gardener mixes 50 mL of rose fertilizer to every litre of water. How much water would be needed to apply 1 L of rose fertilizer?
4. A soap-opera writer follows a rule that there must be at least one funny bit every 10 minutes. How many funny bits will there be in  $2\frac{1}{2}$  hours of the show?
5. A bakery uses a cake mixture in which the dry ingredients consist of one cup of sugar to every two cups of flour. A large cake was ordered that used 24 cups of dry ingredients. How many cups of flour were used?

**Pointers:**

1. In recipes the ingredients are in the same ratio. If the quantity of one ingredient doubles then the quantities of the other ingredients will double as well.