

1. Tom jogs at a constant pace of 8 km/h. How far will he have run after 45 minutes? Show your work.
2. Maria swims at a rate of 2.5 km/h. How many kilometres can she cover in 40 minutes? Show your calculations.
3. At 60 km/h, how long will it take Emily to drive 180 km? Show your solution.
4. Kevin hikes at a steady speed of 5 km/h. How many kilometres will he hike in 2 hours? Show your steps.
5. If Hannah runs at 10 km/h, how long will it take her to cover 25 km? Show your work.
6. Michael rows his boat at 4 km/h. How far will he row in 1.5 hours? Show your reasoning.
7. David drives at 90 km/h. How many hours will it take him to travel 270 km? Show your solution.
8. Lucy cycles at 15 km/h. How far will she go in 20 minutes? Show your thinking.

1. If a smoothie recipe calls for 150 mL of yogurt for every 200 g of berries, how much yogurt would you need for 400 g of berries? Show your work.
2. In a paint mix, 3 liters of red paint are used for every 5 litres of white paint. If you have 10 litres of white paint, how much red paint will you need? Show your calculations.
3. For a salad dressing, 50 mL of olive oil is required for every 75 g of vinegar. If you're using 150 g of vinegar, how much olive oil should you use? Show your reasoning.
4. A cookie recipe requires 100 g of sugar for every 250 g of flour. How much sugar will you need if you are using 500 g of flour? Show your steps.
5. In a sauce recipe, 60 mL of soy sauce is needed for every 90 mL of water. How much soy sauce would you need for 180 mL of water? Show your thinking.
6. If a mixture calls for 200 mL of water for every 300 g of rice, how much water should you use for 450 g of rice? Show your solution.
7. A cake recipe uses 125 g of butter for every 250 g of sugar. How much butter would you need for 500 g of sugar? Show your work.