

RATE QUEST

Instructions:

1. Identify the rate in each of the scenarios below.
2. Write down the rate in the "Rate Identified" column.
3. Briefly explain how this rate can be useful in real life in the "Explanation of Use" column.

Example:

- Scenario: A car travels 60 kilometers in 2 hours.
- Rate Identified: 30 kilometers per hour
- Calculate the Rate: $60 \div 2 = 30$ kilometers per hour.
- Explanation of Use: This rate helps plan travel time and understand speed.

Now, complete the remaining scenarios below.

GIVEN SCENARIO	RATE IDENTIFIED	EXPLANATION OF USE
EXAMPLE: A car travels 60 kilometers in 2 hours.	30 km/hour	Helps plan travel time and understand speed.
1. A meal has 400 calories in 2 servings.		
2. A heart beats 72 times per minute.		
3. A factory produces 100 units in 4 hours.		
4. A person reads 50 pages in 2 hours.		
5. A runner covers 10 kilometers in 2 hours.		

Extension Task:

Create your own real-life rate scenario for your classmates to solve.

Example: A bus travels 180 kilometers in 3 hours. What is its speed in kilometers per hour?
