**Part A: Fill in the blanks with RATIO or RATE where appropriate.**

1. \_\_\_\_\_\_is a comparison of or a relationship between two quantities by division.
2. \_\_\_\_\_\_ is a comparison of quantities with different units.

**Part B: Determine the unit rate in the following problems.**

1. Jenny can run 25 miles in 5 hours. How far did she run in miles per hour?
2. You are given 40 questions to answer in 20 minutes. How many questions can you answer per minute?
3. Ben receives $250 per week at his part-time job, if Ben works 5 hours per day from Monday to Friday.
4. How many hours does he work every week?
5. How much does Ben earn per hour?

**Answers:**

**Part A: Fill in the blanks with RATIO or RATE where appropriate.**

1. RATIO is a comparison of or a relationship between two quantities by division.
2. RATE is a comparison of quantities with different units.

**Part B: Determine the unit rate in the following problems.**

1. Jenny can run 25 miles in 5 hours. How far did she run in miles per hour?

Solution:

Step 1: 25 miles per 5 hours

Step 2: $\frac{25 miles}{5 hours}$

Step 3: 25 miles/5 = 5 miles

 5 hours/5 = 1 hour

Step 4: $\frac{5 miles}{hour}$ , therefore Jenny can run 5 miles per hour.

1. You are given 40 questions to answer in 20 minutes. How many questions can you answer per minute?

Solution:

Step 1: 40 questions per 20 minutes

Step 2: $\frac{40 questions}{20 minutes}$

Step 3: 40 questions/20 = 2 questions

 20 minutes/20 = 1 minute

Step 4: $\frac{2 questions}{minute}$ , therefore Jenny can answer 2 questions per minute.

1. Ben receives $250 per week at his part-time job, if Ben works 5 hours per day from Monday to Friday.
2. How many hours does he work every week?

Solution:

1. **hours x 5 days = 25 hours per week**
2. How much does Ben earn per hour?

Solution:

Step 1: $250 per 25 hours

Step 2: $\frac{\$250}{25 hours}$

Step 3: $250/25 = $10

 25 hours/25 = 1 hour

Step 4: $\frac{\$10}{hour}$ , therefore Ben can earn $10 per hour.