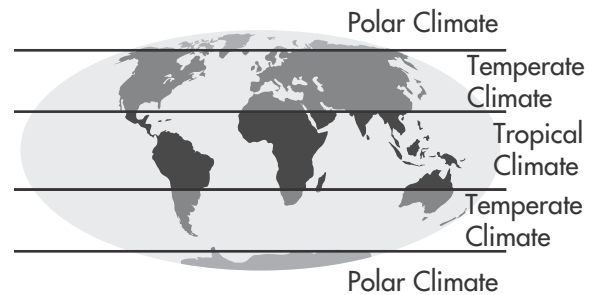Name _____

It's Raining, It's Pouring

Did You Know? The tropical climate zone is located around the equator. Some areas in the tropical zone are arid, which means the climate is hot and dry. Other parts of the tropical zone have a combination of wet and dry seasons, but the temperature is always warm. The tropical zone is perhaps most well known for its hot, wet climate. Rainforests are found in these regions. In the rainforest it rains for part of the day, every day.

Polar Climate
Temperate Climate
Tropical Climate
Temperate Climate
Polar Climate

1 Use multiplication to complete the chart.

2 Write a multiplication equation to find how many inches of rain fall in 9 months if it rains 7 inches each month.

9 × 7 = 63 inches

Precipitation
time (in months)

	×	5	**3**	7	**9**
inches per month	**2** in.	10 in.	**6** in.	**14** in.	**18** in.
	5 in.	**25** in.	15 in.	**35** in.	45 in.
	7 in.	**35** in.	**21** in.	49 in.	63 in.

3 In 7 months there were 49 inches of rain. It rained the same amount every month. Write a multiplication equation to find how many inches it rained each month.

7 × ? = 49 inches; 7 inches per month

4 Write two multiplication equations to show two different ways the total precipitation could be 35 inches if it rains the same amount each month.

7 × 5 = 35 inches; 5 × 7 = 35 inches

5 **Extension** Use the chart to write your own precipitation problem. Then write and solve the equation.

Sample answer: 25 inches of rain fell. It rained

5 inches every month. How many months did it rain?

5 months; 5 × 5 = 25