

Subrata writes a letter to Ruponti every day (in successive intervals of 24 hours) from Korea. But Ruponti receives the letters in intervals of 25 hours. What is the number of the letter Ruponti receives on the 25th day?

Solution:

So Ruponti receives the letter in intervals of 25 hours on the 25th day he receives:

$$\frac{25(\text{days}) * 24(\text{hours})}{25(\text{interval})} = 24^{\text{th}} \text{ letter.}$$

Answer:

Ruponti receives 24th letter on the 25th day.