

Qwen-14B-Chat (SFT) 设正方形边长为 x , 长方形边长为 y 976

根据题意, 有: $x = 5y$

$$2y + 2y = 60$$

$$4y = 60$$

$$y = 15$$

$$x = 5 * 15 = 75$$

$$\text{正方形周长} = 4x = 4 * 75 = 300$$

Let the side length of the square be x and the length of the rectangle

be y . According to the problem: $x = 5y$ $2y + 2y = 60$ $4y = 60$

$y = 15$ $x = 5 * 15 = 75$ Perimeter of the square = $4x = 4 * 75 = 300$

Qwen-14B-Chat (RLHF) 首先, 我们设正方形的边长为 x , 则每个长方形的长为 x , 宽为 $x/5$ 。 1139

根据长方形的周长公式, 可得每个长方形的周长为 $2(x + x/5) = 12x/5$ 。

已知每个长方形的周长为60厘米, 代入上式得:

$$12x/5 = 60$$

解得 $x = 25$ 。

因此, 正方形的周长为 $4x = 100$ 厘米。

答案: 正方形的周长是100厘米。

First, let's assume that the square's side length is x . Therefore, the length of each rectangle is x and the width is $x/5$.

According to the formula for the perimeter of a rectangle, we can determine that the perimeter of each rectangle is $2(x + x/5) = 12x/5$.

Given that the perimeter of each rectangle is 60 centimeters, we can substitute this value into the equation:

$$12x/5 = 60$$

Solving for x , we find $x = 25$.

Therefore, the perimeter of the square is $4x = 100$ centimeters.

Answer: The perimeter of the square is 100 centimeters.

GPT-3.5 设正方形的边长为 x 厘米, 则每个长方形的长为 x 厘米, 宽为 $5x/4$ 厘米。 897

每个长方形的周长为 $2(x + 5x/4) = 60$ 厘米。

化简得 $13x/2 = 60$

解方程得到 $x = (60 * 2)/13 = 120/13 \approx 9.23$

正方形的周长为 $4x = 4 * 9.23 \approx 36.92$ 厘米。

If the side length of a square is x centimeters, then the length of each rectangle is x centimeters, and the width is $5x/4$ centimeters. The perimeter of each rectangle is $2(x + 5x/4) = 60$ centimeters. Simplifying, we get $13x/2 = 60$.

Solving the equation, we find $x = (60 * 2) / 13 = 120 / 13 \approx 9.23$.

The perimeter of the square is $4x = 4 * 9.23 \approx 36.92$ centimeters.

GPT-4 由题意可知, 每个长方形的一条长边等于正方形的边长, 设为 a 。设每个长方形的一条短边为 b , 那么有 $5b = a$ 。根据每个长方形的周长可得到 $2 * (a + b) = 60$ 厘米。将 $5b = a$ 代入到长方形的周长公式中得: $2 * a + 2 * 5b = 60$, 化简得 $2 * a + 10b = 60$, 由于 $a = 5b$, 所以 $2 * a = 2 * 5b = 10b$ 那么有 $10b + 10b = 60$, 得 $b = 3$ 厘米, $a = 5 * b = 15$ 厘米。所以, 正方形的周长是 $4 * a = 4 * 15 = 60$ 厘米。 1010