

PERIMETER

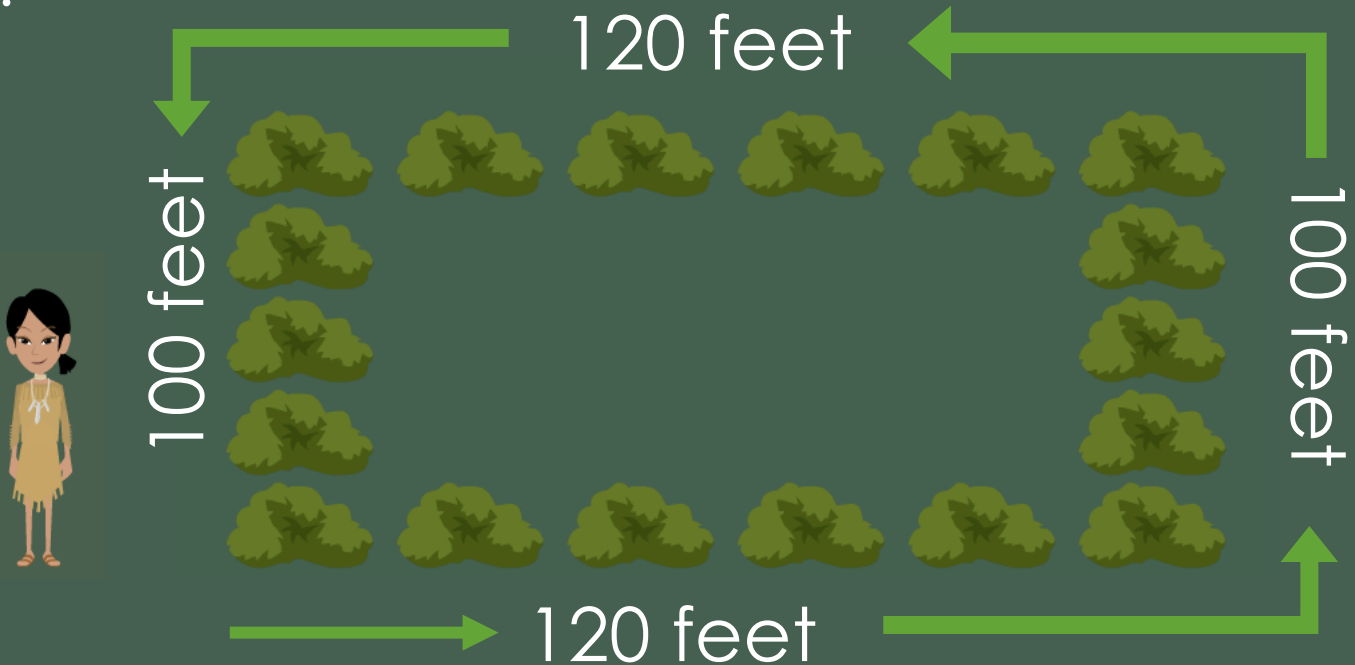


Perimeter

The perimeter is the distance you move when you go around something.

Perimeter

If Tasina walks around the bushes, she will go 120 feet along the length, 100 feet up the width, 120 feet along the other side and 100 feet down again.



Perimeter



That's the perimeter around the bushes. That's how much Tasina walked.

$$\begin{array}{r} 120 \text{ feet} \\ 100 \text{ feet} \\ 120 \text{ feet} \\ + 100 \text{ feet} \\ \hline \end{array}$$

→ **440 feet**

Perimeter

To find the perimeter of a shape, you add up all the sides.

Perimeter of a Rectangle

There's a formula to find the **perimeter of a rectangle**.



$$(2 \times \text{Length}) + (2 \times \text{Width})$$

Perimeter of a Rectangle

Let's go back to Tasina and use this formula. Your length is 120 feet and your width is 100 feet.

$$\begin{aligned} & (2 \times \text{Length}) + (2 \times \text{Width}) \\ & (2 \times 120 \text{ feet}) + (2 \times 100 \text{ feet}) \\ & 240 \text{ feet} + 200 \text{ feet} \\ & \boxed{440 \text{ feet}} \leftarrow \text{perimeter} \end{aligned}$$

Perimeter of a Rectangle

You can use either method, addition or multiplication, to find the perimeter of a **rectangle**.

Perimeter of a rectangle

1. Addition – Adding up all the sides to find the perimeter.

$$\text{Perimeter} = \text{Side 1} + \text{Side 2} + \text{Side 3} + \text{Side 4}$$

Perimeter of a rectangle

2. Multiplication – Multiplying the length times two, multiplying the width times two and then adding those two numbers together to find the perimeter.

$$\text{Perimeter} = (2 \times \text{Length}) + (2 \times \text{Width})$$

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