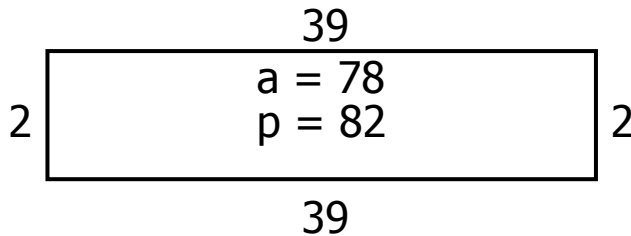


- A. A rectangle's area is 78 sq in.
 The short side of the rectangle is 2 in.
 How long is the long side?
 What is the perimeter of the rectangle?



$$\begin{aligned} \text{a } 78 \div 2 &= \underline{39} \\ 2 \times \underline{39} &= 78 \end{aligned}$$

$$\begin{aligned} \text{b } (2+2) + (39+39) &= \underline{82} \\ (2 \times 2) + (2 \times 39) &= \underline{82} \\ 2 \times (2+39) &= \underline{82} \end{aligned}$$

- a The long side is 39 in.
 b The rectangle's perimeter is 82 in.

- B. A rectangle's area is 78 sq in.
 The short side of the rectangle is 3 in.
 How long is the long side?
 What is the perimeter of the rectangle?

- a The long side is ____ in.
 b The rectangle's perimeter is ____ in.

- A. A rectangle's area is 72 sq in.
The short side of the rectangle is 8 in.
How long is the long side?
What is the perimeter of the rectangle?

- a The long side is ____ in.
b The rectangle's perimeter is ____ in.

-
- B. A rectangle's area is 72 sq in.
The short side of the rectangle is 4 in.
How long is the long side?
What is the perimeter of the rectangle?

- a The long side is ____ in.
b The rectangle's perimeter is ____ in.

- A. A rectangle's area is 84 sq in. The short side of the rectangle is 4 in. How long is the long side? What is the perimeter of the rectangle?

- a The long side is ____ in.
b The rectangle's perimeter is ____ in.

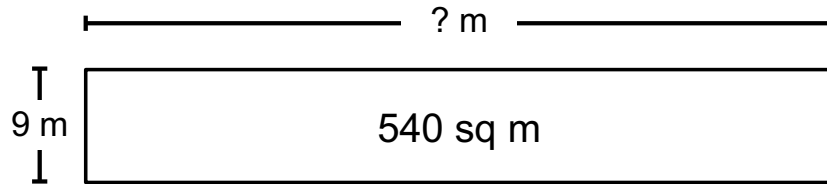
-
- B. A rectangle's area is 84 sq in. The short side of the rectangle is 6 in. How long is the long side? What is the perimeter of the rectangle?

- a The long side is ____ in.
b The rectangle's perimeter is ____ in.

Name:

Problem of the Day Lesson 117

The area of Zach's rectangular cornfield is 540 square meters. The length of the short side is 9 meters. To keep raccoons from eating his corn, Zach builds a fence along the perimeter.



- What is the total length of fence Zach builds, in meters?
- Zach divides his field equally between sweet corn, flint corn, and dent corn. How much space does he give each type, in square meters?

Name: _____

FILL IN THE BLANK - D

Use the digits from the bank to correctly fill the blanks in the word problems below.
Each digit can be used only once.

Digit Bank
0 1 2 3 4 5 6 7 8 9

The area of a rectangle is 72 sq in. One side of the rectangle is 6 in.

The other side of the rectangle is 1__ in. The perimeter of the rectangle
is 3__ in.

.....

The area of a rectangle is 60 sq in. One side of the rectangle is 4 in.

The other side of the rectangle is 1__ in. The perimeter of the rectangle
is 3__ in.

.....

The area of a rectangle is 152 sq in. One side of the rectangle is 8 in.

The other side of the rectangle is 1__ in. The perimeter of the rectangle
is 5__ in.

.....

The area of a rectangle is 91 sq in. One side of the rectangle is __ in.

The other side of the rectangle is 1__ in. The perimeter of the rectangle
is 4__ in.