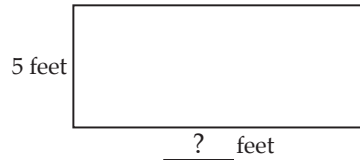


Test 7—Question 6: Problem Solving

6 Look at the diagram of a rectangle below.



The perimeter of the rectangle is 34 feet.

What is the missing measurement, in feet, of the rectangle?

$$\begin{aligned}\text{Perimeter of rectangle} &= 2l + 2w \\ &= 2 \times \text{length} + 2 \times \text{width}\end{aligned}$$

Show All Work

Answer _____ feet

Exemplary Response:

- 12 feet
- AND
- Correct complete process

Sample Process:

- $2(5) = 10$
 $34 - 10 = 24$
 $24 \div 2 = 12$

OR

- Other valid process

Rubric:

- | | |
|-----------------|--|
| 2 points | Exemplary response |
| 1 point | Correct answer only |
| | OR |
| | Correct complete process; error in computation |
| | OR |
| | Correct process for finding 24 |
| 0 points | Other |