Question

A bathroom has 10 6 inch tiles along its width and 20 6 inch tiles along its length. What is the square footage of the bathroom?

Summary

- Width tiles: 10 tiles of 6 inches each
- Length tiles: 20 tiles of 6 inches each

> **Goal:**
>
> Calculate the square footage of the bathroom.

Python Solution

```
    # Calculate the total width of the bathroom in inches
1   width_inches = 10 * 6
    # Convert the width from inches to feet
2   width_feet = width_inches / 12
    # Calculate the total length of the bathroom in inches
3   length_inches = 20 * 6
    # Convert the length from inches to feet
4   length_feet = length_inches / 12
    # Calculate the square footage of the bathroom
5   bathroom_area = length_feet * width_feet
```
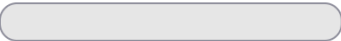
Is the final answer correct or incorrect?

Correct

Incorrect

Question 1 of 10
(Remaining: 10)

Variables

width_inches	**60 inches**
width_feet	**5 feet**
length_inches	**120 inches**
length_feet	**10 feet**
bathroom_area	**50 sq feet**