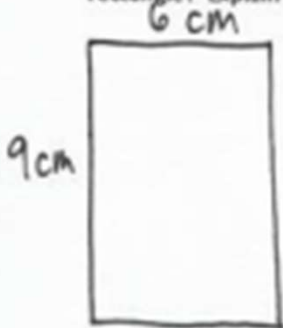


Area Worksheets (Rectangles)

4. Ursa draws a rectangle that has side lengths of 9 centimeters and 6 centimeters. What is the area of the rectangle? Explain how you found your answer.
5. Eliza's bedroom measures 6 feet by 7 feet. Her brother's bedroom measures 5 feet by 8 feet. Eliza says their rooms have the same exact floor area. Is she right? Why or why not?
6. Cliff draws a rectangle with a side length of 6 inches and an area of 24 square inches. What is the other side length? How do you know?

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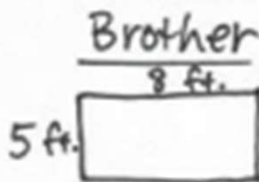


$9 \times 6 = 54 \text{ sq. cm}$
The area of the rectangle is 54 sq. cm.
I found the area by multiplying the side lengths.

5. Eliza's bedroom measures 6 feet by 7 feet. Her brother's bedroom measures 5 feet by 8 feet. Eliza says their rooms have the same exact floor area. Is she right? Why or why not?



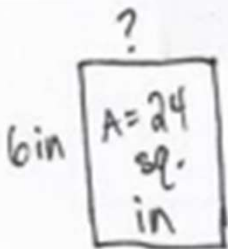
$6 \times 7 = 42 \text{ sq. ft.}$
The area of Eliza's room is 42 sq. ft.



$5 \times 8 = 40 \text{ sq. ft.}$
Her brother's room has an area of 40 sq. ft.

No, Eliza is not right because her bedroom is 42 sq. ft. and her brother's is only 40 sq. ft.

6. Cliff draws a rectangle with a side length of 6 inches and an area of 24 square inches. What is the other side length? How do you know?



$$6 \times ? = 24$$

$$6 \times 4 = 24$$

$$24 \div 6 = 4$$

The other side length is 4 inches because 24 divided by 6 equals 4.