

Name _____

Date _____

1. A rectangular porch is 4 feet wide. It is 3 times as long as it is wide.

a. Label the diagram with the dimensions of the porch.



b. Find the perimeter of the porch.

2. A narrow rectangular banner is 5 inches wide. It is 6 times as long as it is wide.

a. Draw a diagram of the banner, and label its dimensions.

b. Find the perimeter and area of the banner.

4. The area of Betsy's rectangular sandbox is 20 square feet. The longer side measures 5 feet. The sandbox at the park is twice as long and twice as wide as Betsy's.
- a. Draw and label a diagram of Betsy's sandbox. What is its perimeter?
- b. Draw and label a diagram of the sandbox at the park. What is its perimeter?
- c. What is the relationship between the two perimeters?
- d. Find the area of the park's sandbox using the formula $A = l \times w$.

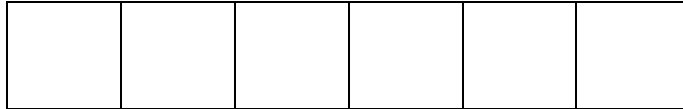
- e. The sandbox at the park has an area that is how many times that of Betsy's sandbox?
- f. Compare how the perimeter changed with how the area changed between the two sandboxes. Explain what you notice using words, pictures, or numbers.

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1. A table is 2 feet wide. It is 6 times as long as it is wide.

a. Label the diagram with the dimensions of the table.



b. Find the perimeter of the table.

2. A blanket is 4 feet wide. It is 3 times as long as it is wide.

a. Draw a diagram of the blanket, and label its dimensions.

b. Find the perimeter and area of the blanket.

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1. A rectangular pool is 7 feet wide. It is 3 times as long as it is wide.

a. Label the diagram with the dimensions of the pool.



b. Find the perimeter of the pool.

2. A poster is 3 inches long. It is 4 times as wide as it is long.

a. Draw a diagram of the poster, and label its dimensions.

b. Find the perimeter and area of the poster.

4. The area of Nathan's bedroom rug is 15 square feet. The longer side measures 5 feet. His living room rug is twice as long and twice as wide as the bedroom rug.
- a. Draw and label a diagram of Nathan's bedroom rug. What is its perimeter?
- b. Draw and label a diagram of Nathan's living room rug. What is its perimeter?
- c. What is the relationship between the two perimeters?
- d. Find the area of the living room rug using the formula $A = l \times w$.