
NAME

DATE

PERIOD

Grade 3, Unit 7, Section D: Additional Practice Problems

1. A wall has an area of 72 square feet. What could be the length and width of the wall?

Select **all** that apply.

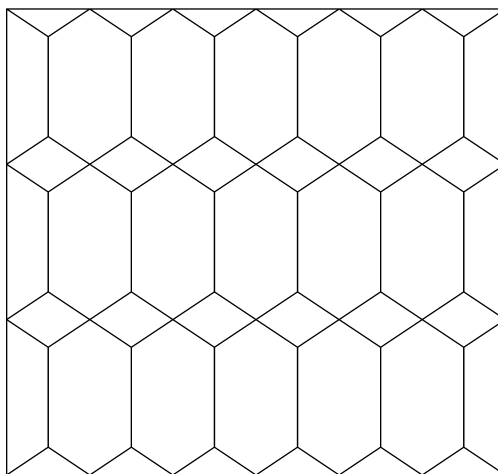
- A. 8 feet long and 7 feet high
- B. 9 feet long and 8 feet high
- C. 10 feet long and 7 feet high
- D. 11 feet long and 8 feet high
- E. 6 feet long and 12 feet high

(From Unit 7, Lesson 13.)

2. a. What geometric shapes are shown in white in the design?

Circle **all** that apply.

- A. hexagons
- B. rectangles
- C. rhombuses
- D. squares
- E. triangles



- b. The design is in a frame that is 8 inches long and 9 inches wide. What are the perimeter and area of the frame?

The frame has an area of _____ square inches.

The frame has a perimeter of _____ inches.



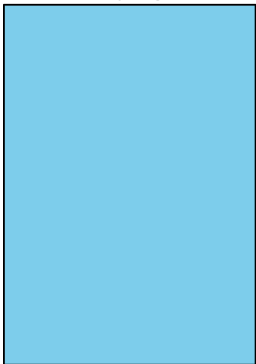
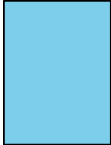
(From Unit 7, Lesson 14.)

NAME

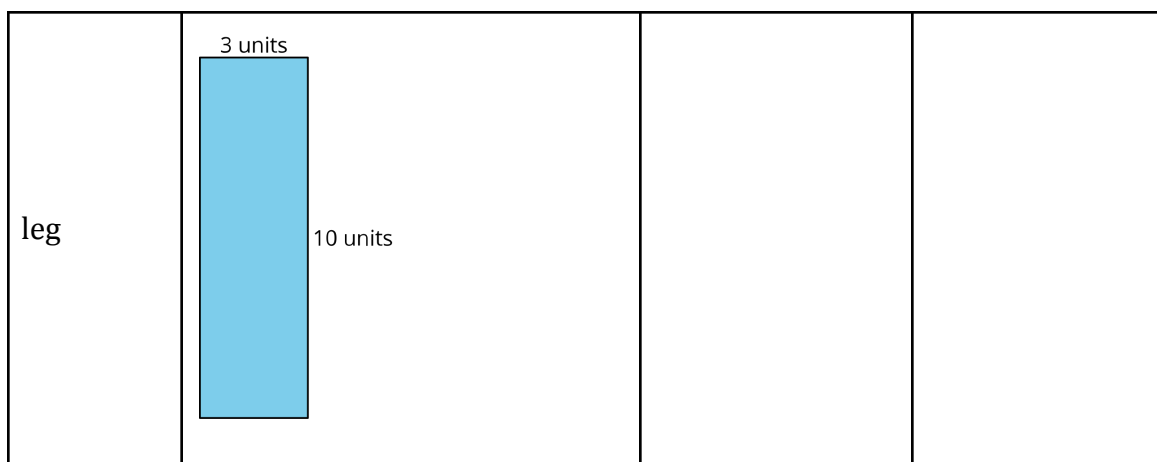
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PERIOD

3. Priya has created several body designs for her robot.
What is the perimeter and area of each body part?

		perimeter	area
head			
neck			
body			
arm			

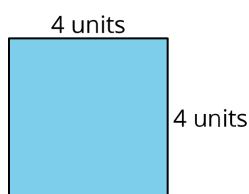
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(From Unit 7, Lesson 15.)

4. EXPLORATION

Diego sees that the area of this square is the same as its perimeter.



Are there other squares or rectangles where this is true? Explain your thinking.