

NAME _____

| DATE _____

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- 1 Find the perimeter and area of the rectangle. Write an equation to show how you found each of these measurements. Label your answers with the correct units.



Perimeter: _____ Area: _____

- 2 Sara measured the rug in her bedroom. It was 3 feet wide and 5 feet long. Which equation would Sara use to find the area of her rug?

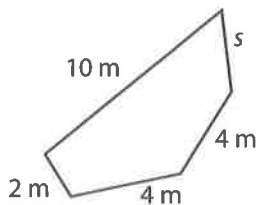
$3 + 5 = a$

$3 \times 5 = a$

$3 + 3 + 5 + 5 = a$

$5 \div 3 = a$

- 3 The perimeter of this polygon is 23 meters. What is the length of the side labeled s ? Write one or more equations to show how you got your answer.



Side s is _____ meters long.

- 4 Farmer Brown built a square pen for his pigs. One of the side lengths of the pigpen is 7 feet. What is the perimeter of the pigpen? What is the area of the pigpen? Use numbers, labeled sketches or words to solve this problem. Label your answers with the correct units.



The perimeter of the pigpen is _____. The area of the pigpen is _____.

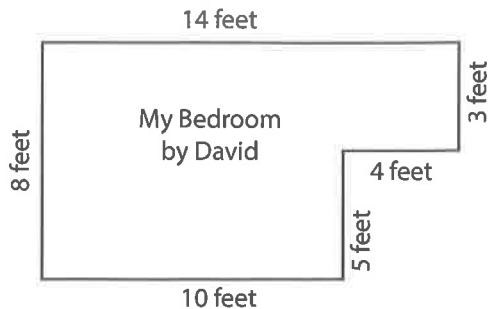
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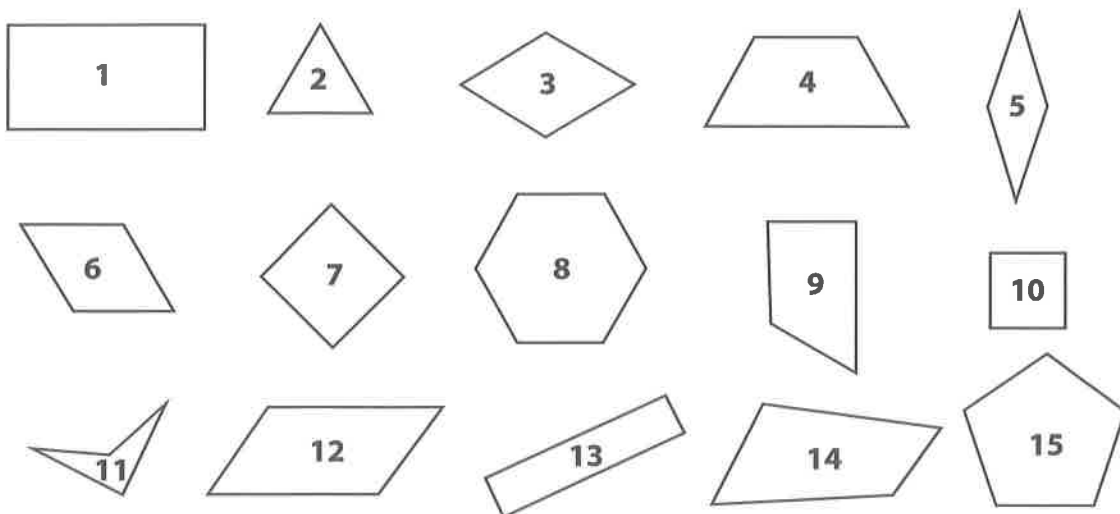
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- 5** David measured his bedroom and made a sketch map. Use the information on David's sketch map to find the area of the room. Show all your work, including any marks you need to make on the map.



The area of David's bedroom is _____ square feet.

- 6** Here is a set of shapes. Follow the instructions below to color some of them in.



- Color all the squares red.
- Color all the trapezoids green.
- Color all the rectangles (that are not also squares) purple.
- Color all the rhombuses (that are not also squares) yellow.
- Draw a line under every quadrilateral in this set of shapes.

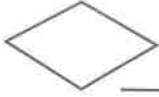
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7 Write the name of each shape on the line beside it. Then list three ways in which these two shapes are alike, and three ways in which they are different. Use at least one word from the Word Bank in each likeness or difference you describe.

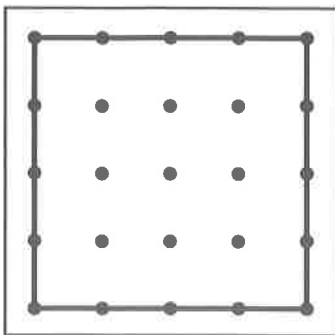


Word Bank

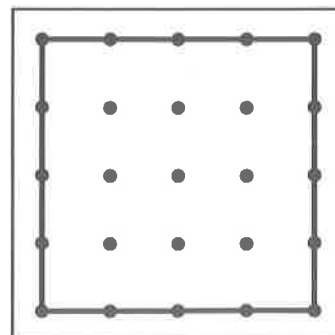
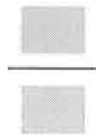
- | | | | | |
|------------------|---------------|---------------|-----------|---------------|
| angles | acute angles | closed figure | congruent | length |
| line of symmetry | obtuse angles | open figure | parallel | quadrilateral |
| right angles | sides | side lengths | straight | symmetrical |

Similarities	Differences

8 Show two different ways you can partition the largest square on the geoboard into 4 parts with the same area. Write the fraction name of each part.



Fraction name of each part



Fraction name of each part

