

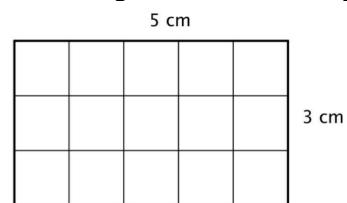
Third Grade Unit 4- Measurement and Geometry

In this unit students will:

- Measure lengths to the nearest 1/2 inch, 1/4 inch, or whole centimeter.
- Collect, organize, and represent data on line plots.
- Recognize characteristics of polygons.
- Recognize specified subcategories of quadrilaterals.
- Solve problems involving perimeters of polygons.
- Understand that a unit square has 1 square unit of area and can measure area.
- Understand that a plane figure completely covered by n unit squares has area n square units.
- Measure areas by counting unit squares.
- Find the area of a rectangle by tiling it.
- Represent whole-number products as rectangular areas.
- Exhibit rectangles with the same perimeter and different areas or the same area and different perimeters.
- Recognize area as additive.
- Find areas of rectilinear figures by decomposing them into non-overlapping rectangles, and apply this technique to solve real-world problems.




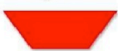
Ideas for Home:

- Your child can measure objects around the house using a ruler or tape measure. Measure the objects to the nearest inch, half-inch, quarter-inch, or whole centimeter.
- Practice finding areas for rectangles.



- Look for real world quadrilaterals and identify their characteristics. Compare them. What subcategories do you recognize?

Quadrilaterals:

<i>rectangle</i>	<i>square</i>	<i>rhombus</i>	<i>trapezoid</i>
			
4 sides	4 sides	4 sides	4 sides
not all sides equal	all sides equal	all sides equal	not all sides equal
4 right angles	4 right angles	4 angles, not always right	4 angles
4 vertices (points)	4 vertices (points)	4 vertices (points)	4 vertices (points)

Please note: The activities above are not homework. They are suggestions for supporting learning at home. Please consult with your child's teacher for homework and specific suggestions related to your child's needs.

Websites:

- 1) <http://www.sheppardsoftware.com/mathgames/geometry/shapeshoot/AreaShapesShoot.htm>
- 2) <http://www.abcya.com/measuring.htm>
- 3) <https://www.turtlediary.com/games/third-grade/units-of-measurement>.
- 4) <https://cainc.i-ready.com>

