



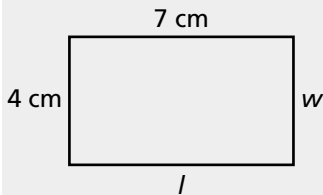
Dear Family,

Your child will be learning about geometry throughout the school year. This unit is about two kinds of measurement—perimeter and area. Perimeter is a measurement of length—the distance around a figure or an object. Area is a measurement of the amount of surface enclosed or covered by a figure or an object.

We measure area in square units, such as square inches or square centimeters.

Calculating Perimeter and Area

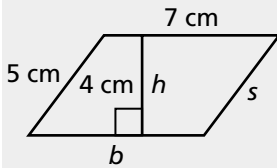
Rectangle



Perimeter = $2l + 2w$
 Perimeter = $2 \times 7 + 2 \times 4$
 Perimeter = $14 + 8 = 22$ cm

Area = $l \times w$
 Area = 7×4
 Area = 28 square centimeters
 or 28 cm²

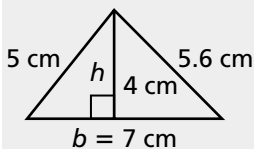
Parallelogram



Perimeter = $2b + 2s$
 Perimeter = $2 \times 7 + 2 \times 5$
 Perimeter = $14 + 10 = 24$ cm

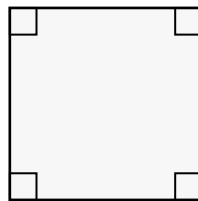
Area = $b \times h$
 Area = 7×4
 Area = 28 square centimeters
 or 28 cm²

Triangle



Perimeter = $s + s + s$
 Perimeter = $5 + 7 + 5.6$
 Perimeter = 17.6 cm

Area = $\frac{1}{2} b \times h$
 Area = $\frac{1}{2} (7 \times 4)$
 Area = 14 square centimeters
 or 14 cm²



1 sq in.



1 sq cm

Your child will learn to calculate the area and perimeter of any rectangle, parallelogram, or triangle.



Rectangle

2 pairs of parallel sides
right angles



Parallelogram

2 pairs of parallel sides
no right angles



Triangle

3 sides

Your child should continue to review and practice multiplications and divisions. Students will need to be very sure of these later in the year when they will learn more difficult concepts in multiplication and division.

If you have any questions or comments, please call or write to me.

Sincerely,
Your child's teacher

Math Expressions