

Chapter 11 Squares and Rectangles

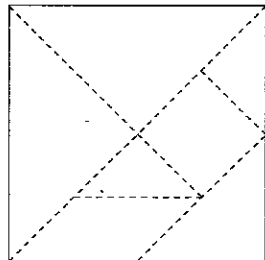
Dear Family,

In this chapter, your child will learn about squares and rectangles. Some of the skills your child will practice are:

- identifying the properties of squares and rectangles
- finding unknown side lengths and angle measures

Activity

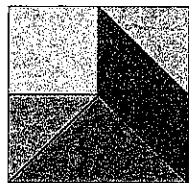
Having children form squares and rectangles from other geometric shapes tests their understanding of the properties of squares and rectangles. You can support your child with simple activities and puzzles around the house, like working with tangrams. A tangram is a puzzle which consists of seven shapes cut from a square that can be put together to make other shapes.



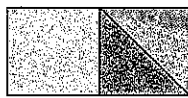
A tangram

- Ask your child to form squares and rectangles using different combinations of the seven pieces.

For example:



A square formed from 5 pieces

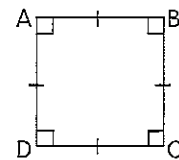


A rectangle formed from 3 pieces

Vocabulary to Practice

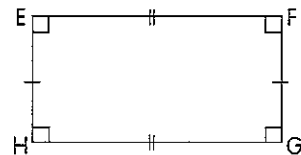
A **square** is a four-sided figure:

- it has four sides of equal length
- its opposite sides are parallel
- each of its angles is a right angle



A **rectangle** is a four-sided figure:

- its opposite sides are of equal length
- its opposite sides are parallel
- each of its angles is a right angle



A square is a special type of rectangle.