

## Lesson 1.6: Special Quadrilaterals

In this lesson you will:

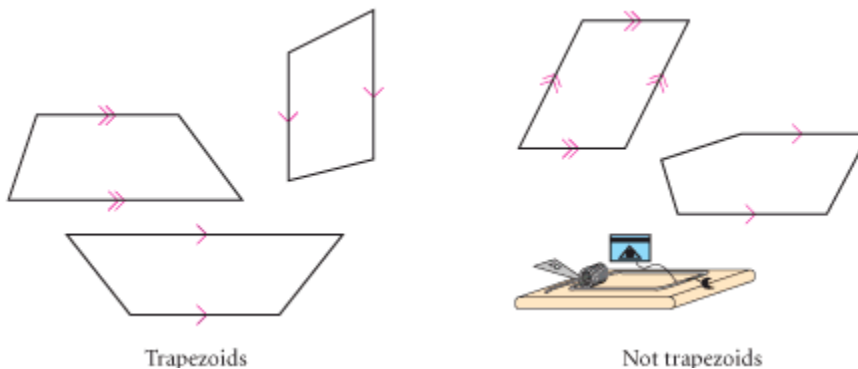
- write definitions for special types of quadrilaterals

All the quadrilaterals in this lesson can be made by attaching two congruent triangles along a corresponding side. Depending on the type of triangles you join, the quadrilaterals have different properties. In the following investigation you will define different types of special quadrilaterals based on relationships of their sides and angles.

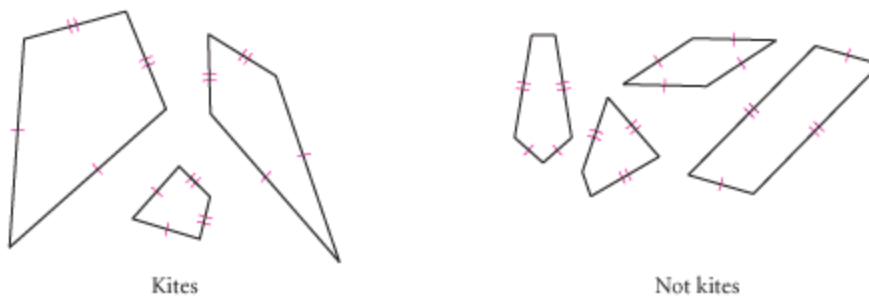
### Investigation 1.6: “Special Quadrilaterals”

Write a good definition of each boldfaced term. Discuss your definitions with others in your group. Agree on a common set of definitions for your class and add them to your dictionary.

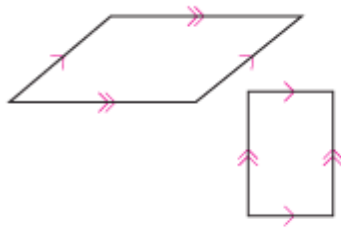
#### **Trapezoid**



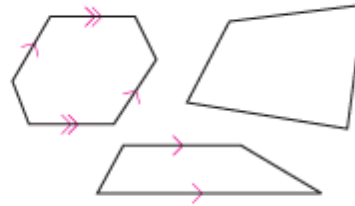
#### **Kite**



## Parallelogram

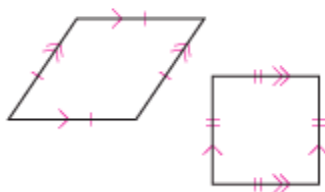


Parallelograms

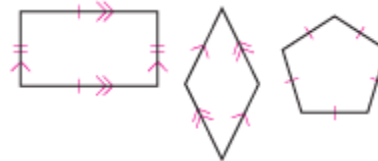


Not parallelograms

## Rhombus

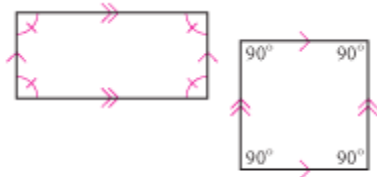


Rhombuses

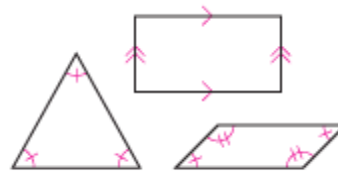


Not rhombuses

## Rectangle

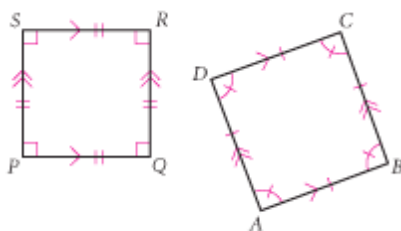


Rectangles

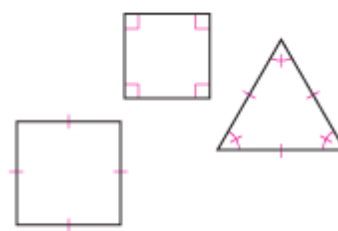


Not rectangles

## Square



Squares



Not squares

⇒ASSIGNMENT: \_\_\_\_\_