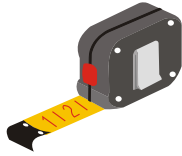


# Properties of a Rectangle

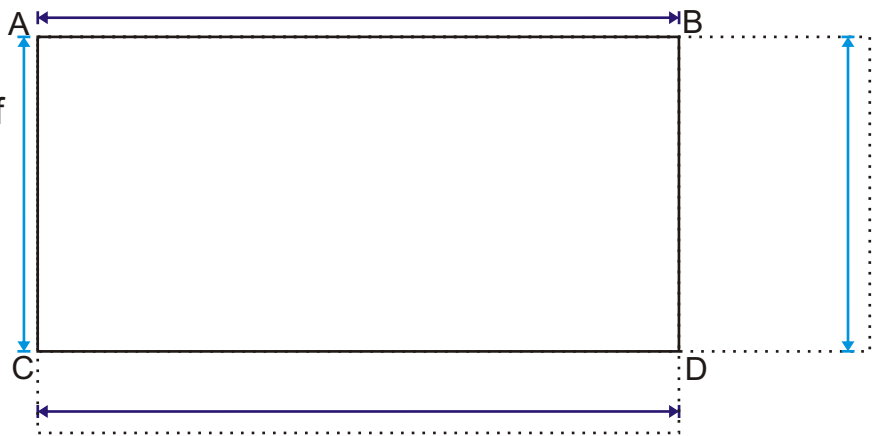


A rectangle has two pairs of equal length sides.

$$\begin{aligned} AB &= CD \\ AC &= BD \end{aligned}$$

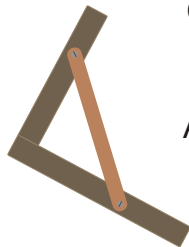
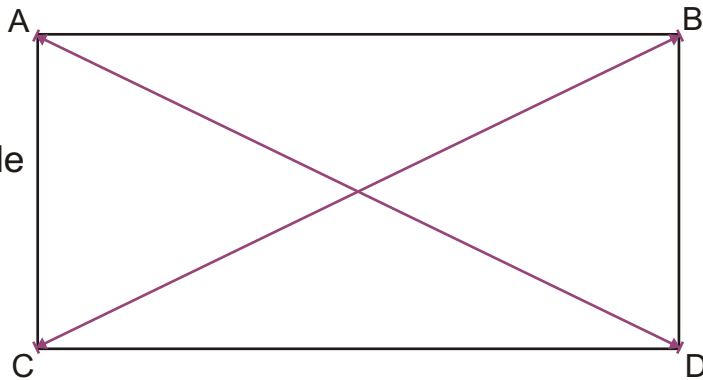


A rectangle has two pairs of parallel sides

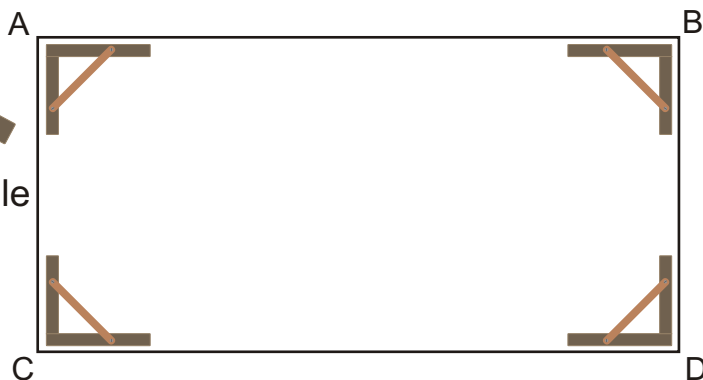


The diagonals of a rectangle are of equal length.

$$AD = CB$$



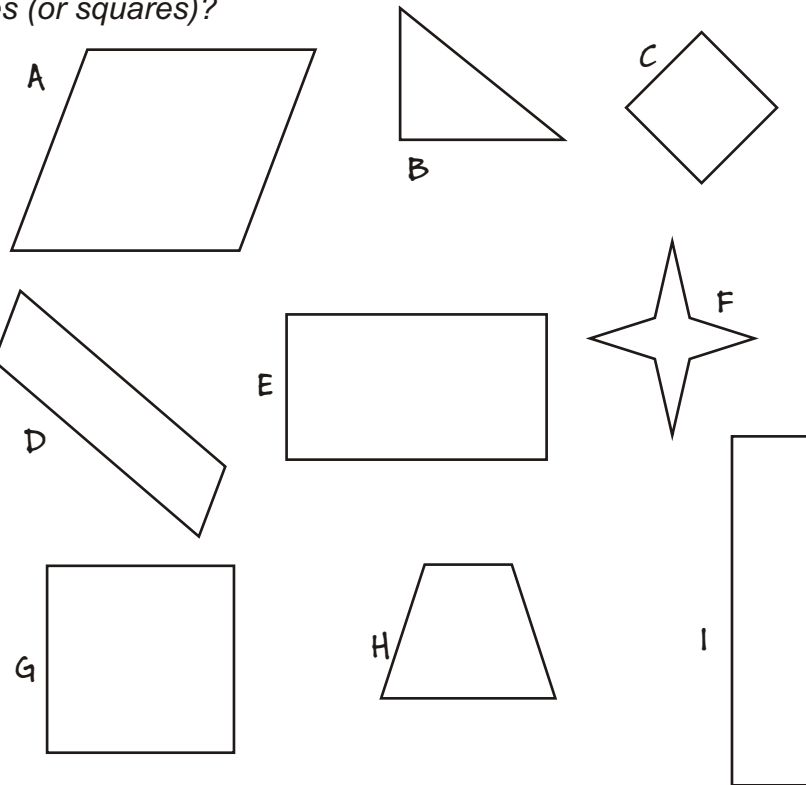
All four angles of a rectangle are 'square' or 90 degrees. They are right angles.



## 2 Exercises

**T1** Which shapes are rectangles (or squares)?

Answer: \_\_\_\_\_



**T2** Find one or two objects which are rectangular.  
Write the name of the object in the table.  
Measure and write the dimensions.

Object	Length	Width	Diagonals	

**T3** Sketch one of the objects below. Include the length and width in your sketch.