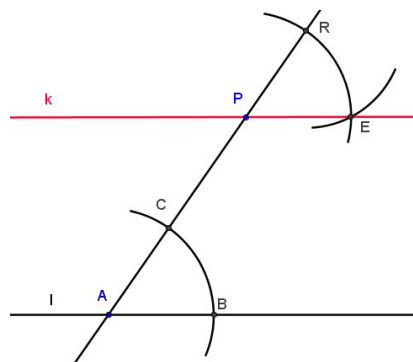


## Student Activity Construction 5

Use in connection with the interactive file “construction 5” on the Student’s CD.

Construction 5: To construct a line parallel to a given line, through given point.

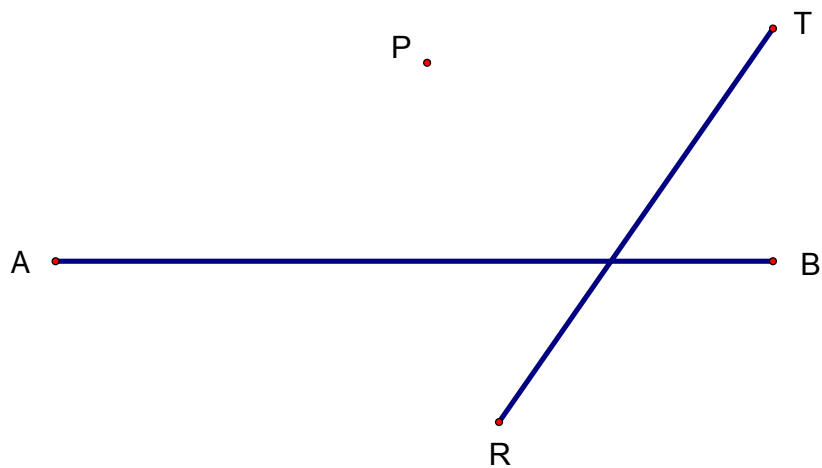


1. Construct a line through P parallel to [AB].

P •



2. Construct a line through P parallel to [AB] and construct a line through P parallel to [RT].  
 Extend these lines to form a four sided figure.



What do you call the resulting four sided figure? \_\_\_\_\_

Measure the lengths of the sides of the four sided.

What can you conclude? \_\_\_\_\_

Measure the internal angles of the four sided figure.

What conclusions can you make when you measure these angles.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_