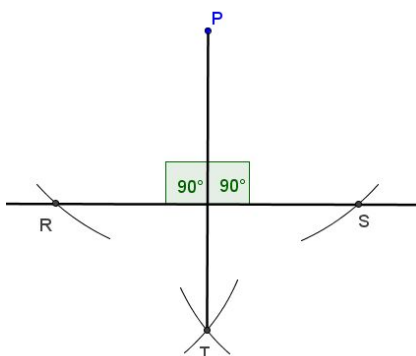


Student Activity Construction 3

Use in connection with the interactive file “construction 3” on the Student’s CD.

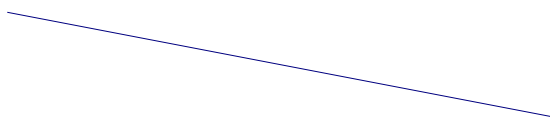
Construction 3: To construct a Line perpendicular to a given line l , passing through a given point not on l . (Compass)



- Construct a line through P and a line through Q perpendicular to the lines given.
Verify the lines are perpendicular.

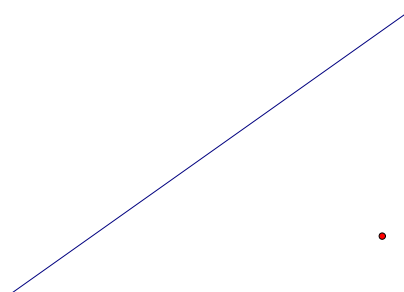
(i)

P

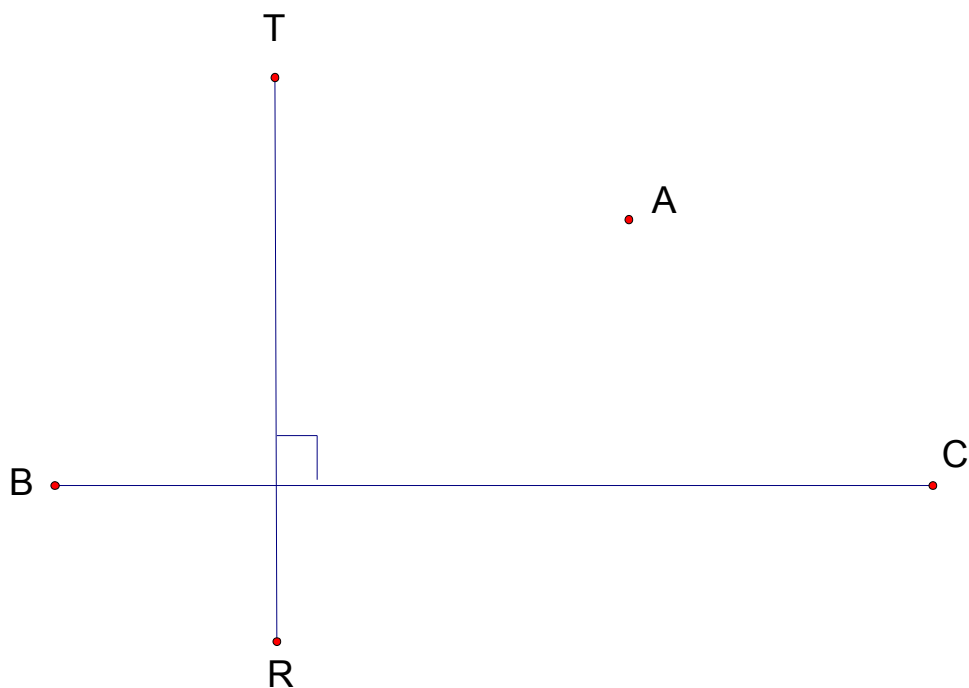


(ii)

Q



2. Construct a line through A perpendicular to [BC] and construct a line through A perpendicular to [RT]



What do you call the resulting four sided figure? _____

Measure the lengths of the sides of the four sided. What can you conclude? _____