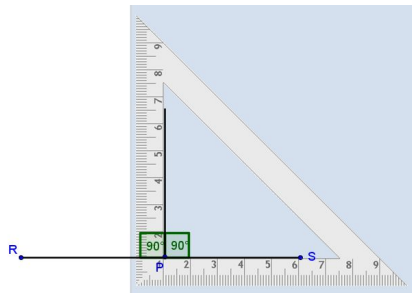


Student Activity Construction 4a

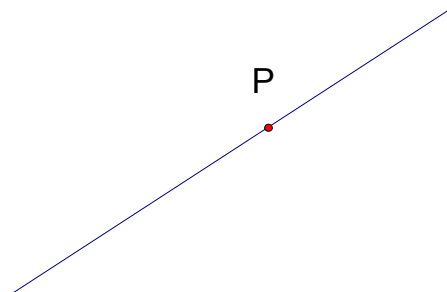
Use in connection with the interactive file “construction 4a” on the Student’s CD.

Construction 4a: To construct a line perpendicular to a given line l , passing through a given point on l . (Set Square)

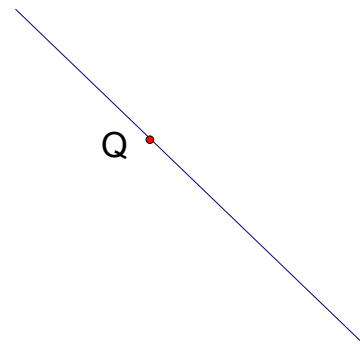


1. Construct a line through P and a line through Q perpendicular to the lines given. Verify answers.

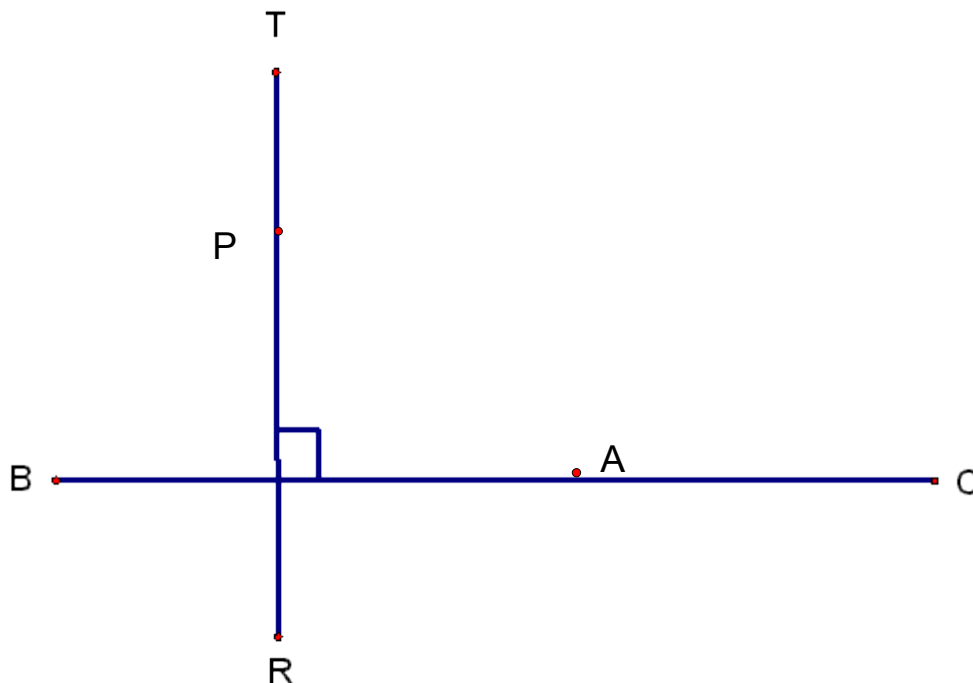
(i)



(ii)



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



What do you call the resulting four sided figure? _____

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