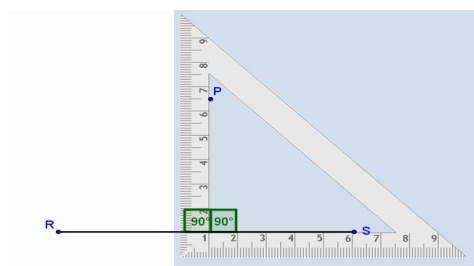


Student Activity Construction 3a

Use in connection with the interactive file "construction 3a" on the Student's CD.

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



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

(i)



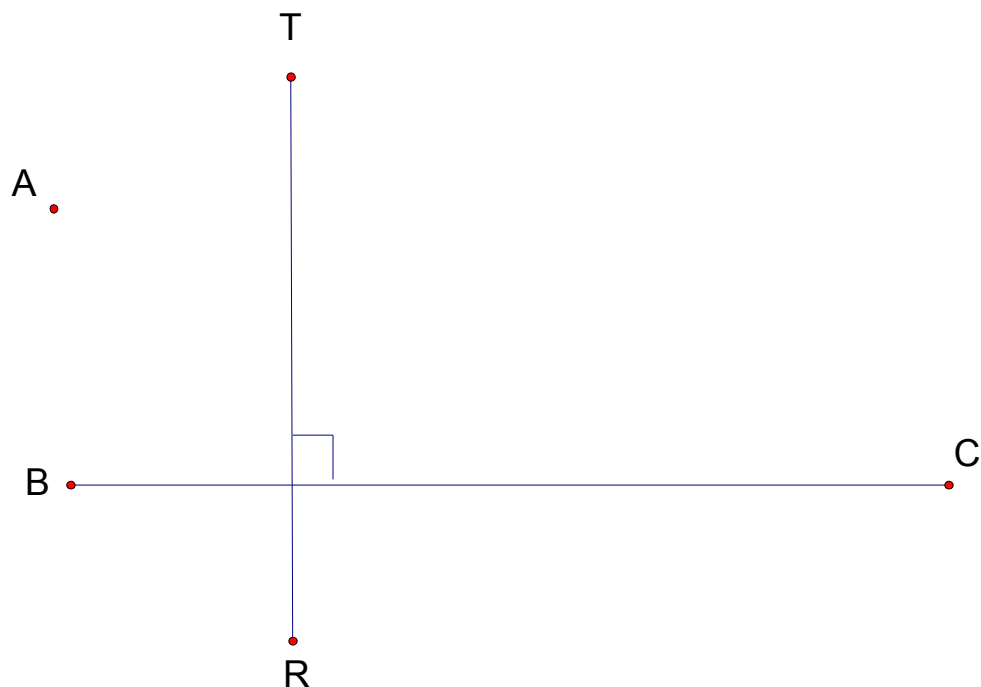
• P

(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? _____