

# ASSIGNMENT 08

Muneeb Ahmad Sheikh

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- **Question 2.44:**

*Construct TRUE with  $TR = 3.5$ ,  $RU = 3$ ,  $UE = 4$ ,  $\angle R = 75^\circ$ ,  $\angle U = 120^\circ$ .*

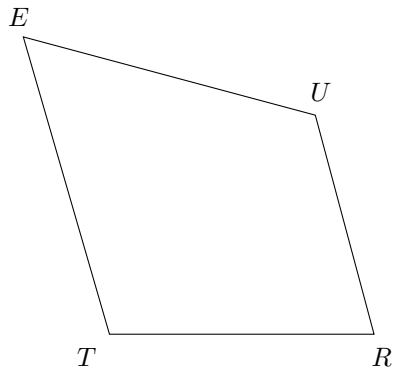
- **Solution:**

Given,  $TR=3.5$ ,  $RU=3$ ,  $UE=4$ ,  $\angle R=75^\circ$ ,  $\angle U = 120^\circ$ .

Now,

*Steps of Construction.*

- 1: Draw a line  $TR=3.5$  cm.
- 2: From point R, draw another line  $RU=3$  cm such that  $\angle TRU=75^\circ$ .
- 3: From point U, draw a line  $UE=4$  cm such that  $\angle RUE=120^\circ$ .
- 4: Join ET and we get required quad TRUE.



• **Question 2.46:**

*Construct a Square READ with with  $RE = 5.1$ .*

• **Solution:**

Given,  $RE=5.1$

Now,

*Steps of Construction.*

- 1: Draw a line  $RE=5.1$  cm.
- 2: From point E, draw another line  $EA=5.1$  cm such that  $\angle REA=90^\circ$ .
- 3: From point A, draw a line  $AD=5.1$  cm such that  $\angle EAD=90^\circ$ .
- 4: Join DR and we get required Square READ.

