

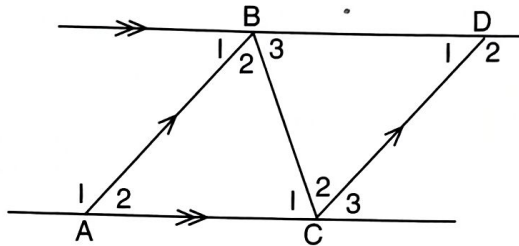
Date 22/06/2020

Revision Test 1

MARKS [20]

Answer all the questions

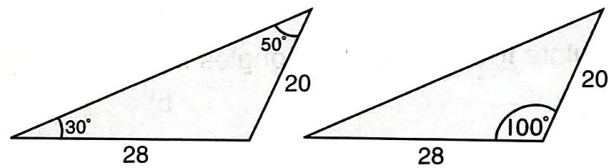
1 Study the sketch. BD is parallel to AC and AB is parallel to CD.



Prove ΔBAC is congruent to ΔCDB .

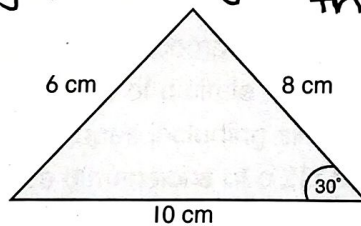
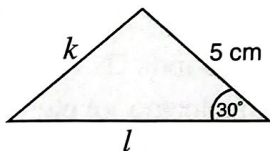
[4]

2 These pairs of triangles are congruent. Prove congruency in each case by giving reasons (SSS, SAS or SAA or RHS).



(4)

3. The 2 triangles are similar. Give the lengths of the unknown sides

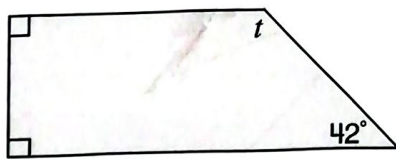


(4)

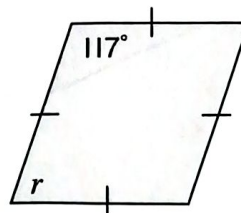
4 a) Name the quadrilaterals shown in the diagrams.

b) Calculate the value of the angles marked with letters in the diagrams.

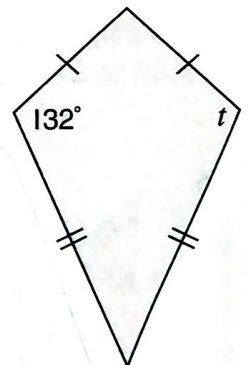
i)



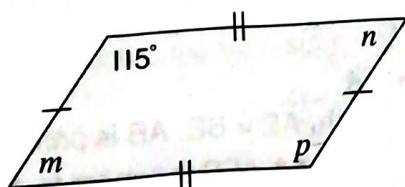
ii)



iii)



iv)



[8]

[20]