ONLINE MATHS CLASS - X - 49 (23/10/2020)

WORKSHEET

1. The sides of the triangles with angles 45° , 45° , 90° are given below in the table $\,$.

Fill in the blanks



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book .

Angle	20 ⁰	7 0 º	50°	40 ⁰	35°	55°
sin						
cos						
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ONLINE MATHS CLASS - X - 54 (05 / 11 /2020)

WORKSHEET



Radius of the circle is 5 cm and $< A = 40^{\circ}$

a) What is the measure of < C?

b) What is the length of BC ? (hint : $\sin 40^\circ = 0.64$)

$$(2)$$
 In triangle PQR , PQ = 6 cm , QR = 8 cm

and $< Q = 55^{\circ}$

a) What is the length of the perpendicular drawn

from P to its opposite side ?

b) What is the area of the triangle PQR ?





9cm



 $ST = 8 \ cm$, $TU = 9 \ cm$ and $< T = 110^{\circ}$

- a) What is the measure of < U?
- b) What is the distance between the parallel sides SV and TU ?
- c) What is the area of the parallelogram ?

 $(hint : \sin 70^{\circ} = 0.94)$

 110°



 $(hint : \sin 55^\circ = 0.82)$

S

8 cn



