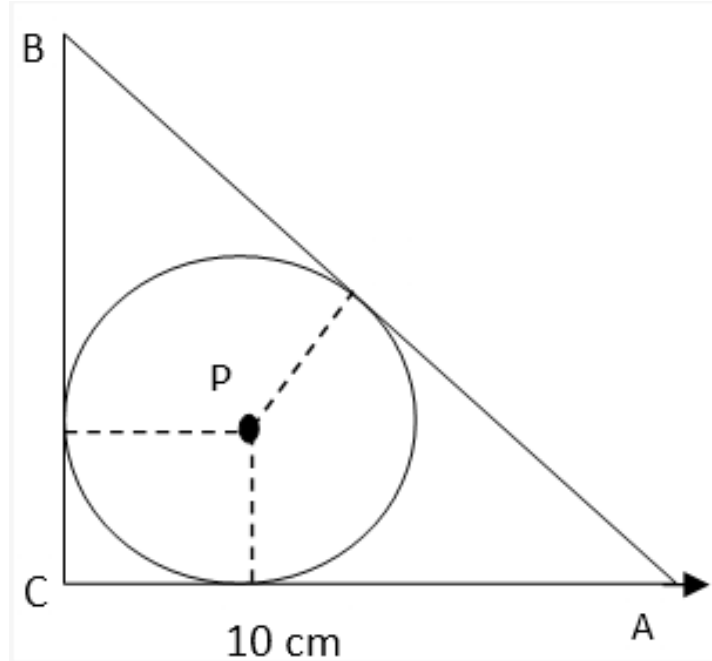


Duration: 30 min

Date: July 03, 2023

1. A circle of radius 3 cm is drawn inscribed in a right angle triangle ABC, right angled at C. If AC is 10 Find the value of CB ?



2. If the ratio of the sum of first  $n$  terms of two A.Ps in  $(7n+1):(4n+27)$ , then find ratio of their  $9^{th}$  terms.

**Best Wishes**