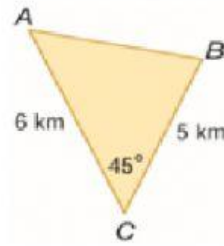


1) Find the area of $\triangle ABC$



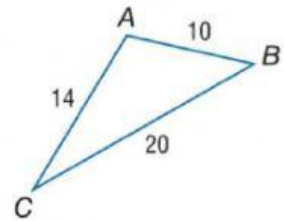
A. $30\sqrt{2}km^2$

C. $7.5km^2$

B. $15\sqrt{2}km^2$

D. $\frac{15\sqrt{2}}{2} km^2$

2) Which law can be used to find the measure of the largest angle in triangle $\triangle ABC$?

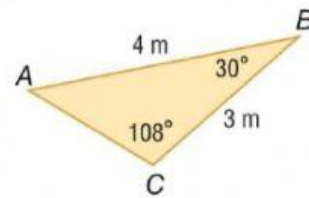


A. $10^2 = 20^2 + 14^2 - 2 \times 14 \times 20 \cos C$

B. $20^2 = 10^2 + 14^2 - 2 \times 10 \times 14 \cos A$

C. $14^2 = 10^2 + 20^2 - 2 \times 10 \times 20 \cos B$

3) Find the area of $\triangle ABC$



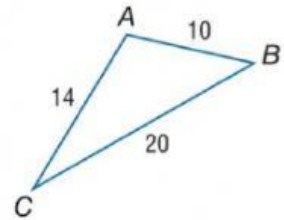
A. 3 m^2

C. 6 m^2

B. 11.4 m^2

D. 5.7 m^2

4) Which law can be used to find the measure of the smallest angle in triangle $\triangle ABC$?



A. $10^2 = 20^2 + 14^2 - 2 \times 14 \times 20 \cos C$

B. $20^2 = 10^2 + 14^2 - 2 \times 10 \times 14 \cos A$

C. $14^2 = 10^2 + 20^2 - 2 \times 10 \times 20 \cos B$