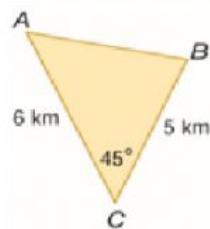
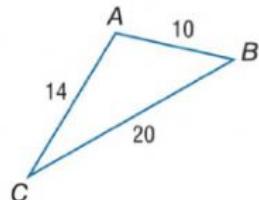


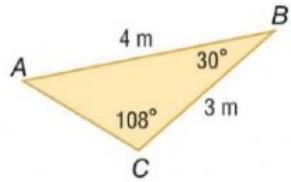
1) Find the area of $\triangle ABC$ 

- A. $30\sqrt{2} \text{ km}^2$
- B. $15\sqrt{2} \text{ km}^2$
- C. 7.5 km^2
- D. $\frac{15\sqrt{2}}{2} \text{ km}^2$

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

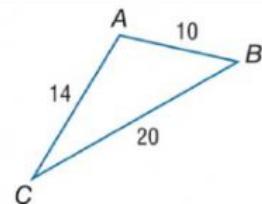
- A. $10^2 = 20^2 + 14^2 - 2 \times 14 \times 20 \cos C$
- B. $20^2 = 10^2 + 14^2 - 2 \times 10 \times 14 \cos A$
- C. $14^2 = 10^2 + 20^2 - 2 \times 10 \times 20 \cos B$

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