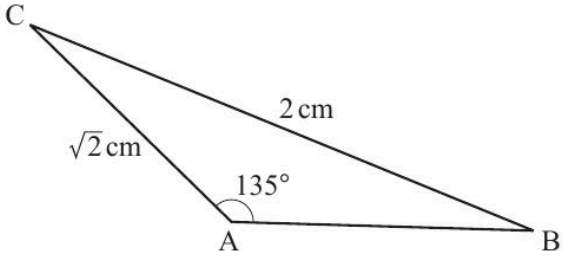
6 In triangle ABC, angle BAC = 135°, AC = $\sqrt{2}$ cm and BC = 2 cm.



Determine the area of triangle ABC. **[4]**