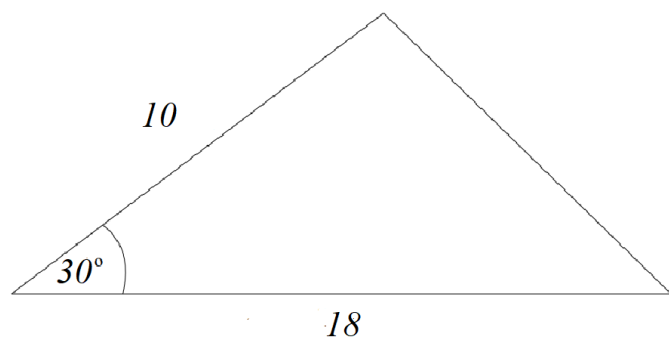




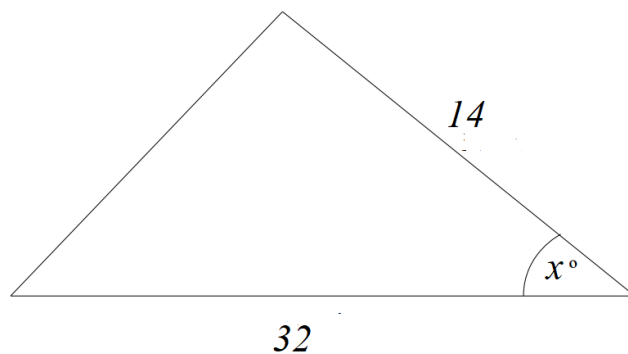
Finding The Area of any Triangle Exam Practice

Q1. Find the area of the triangle below to 1 decimal place.



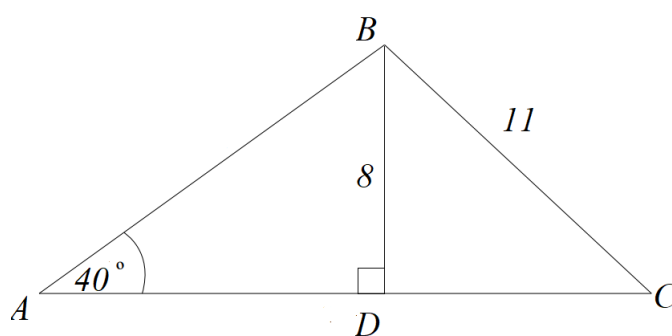
(2 marks)

Q2. The area of the triangle below is 175 square units. Find the size of angle x to 1 decimal place.



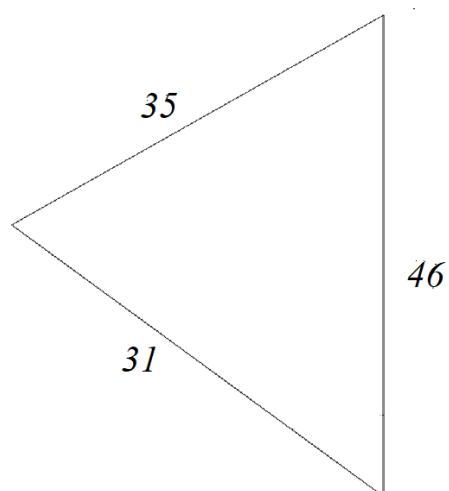
(3 marks)

Q3. Find the area of the triangle ABC to 2 decimal places.



(4 marks)

Q4. Find the area of the triangle below to 3 significant figures:

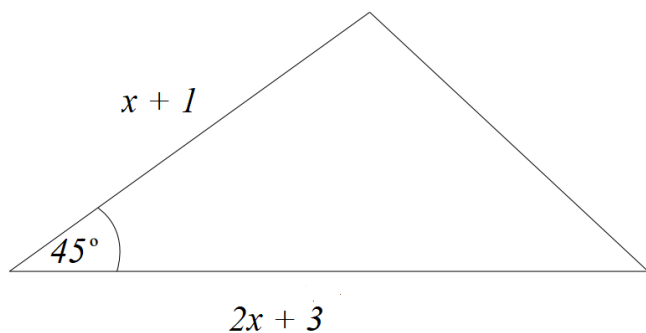


(6 marks)



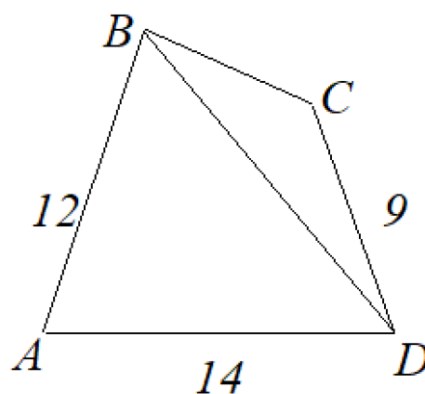
Q5. The area of the triangle below is

$\frac{3\sqrt{2}}{2}$ square units. Find the value of x .



(5 marks)

Q6. In the quadrilateral ABCD below, angles $BDC = 20^\circ$, $ADB = 78^\circ$. Find the area of triangle BCD.



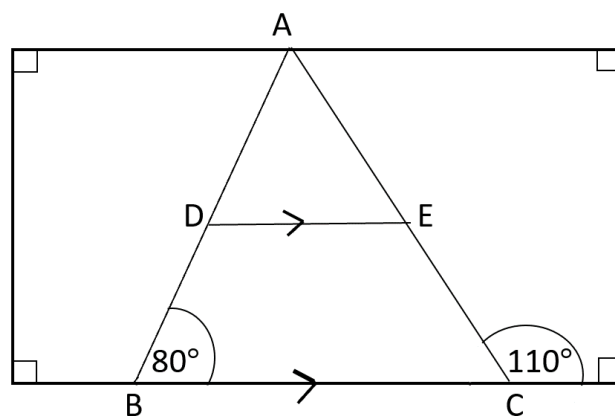
(5 marks)

Q7. A ship sets off from port P on a bearing of 125 degrees. After 35 miles it reaches port Q. It then changes direction and proceeds on a bearing of 40 degrees for x miles until it reaches point R. The direct distance PR is 100 miles.

Find the area of the triangle PRQ to 2 decimal places.

(5 marks)

Q7. Below $AD = 2$ cm, $BD = 3$ cm and $AE = 2.5$ cm. Find the area of the triangle ABC to 2 decimal places.



(5 marks)