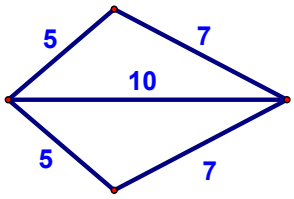
5.

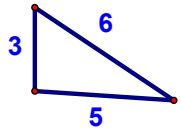
Find the area of the figure to the nearest hundredth.



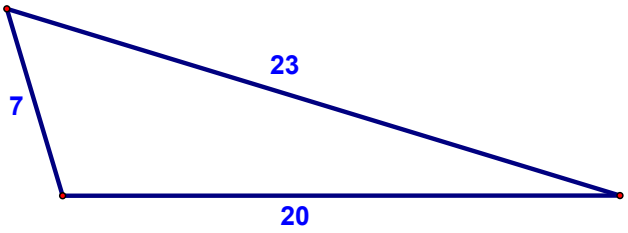
6.

Find the area of the triangles

a.

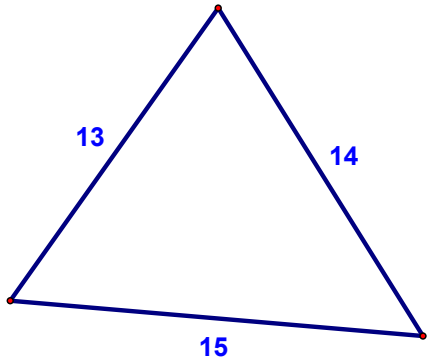


b.



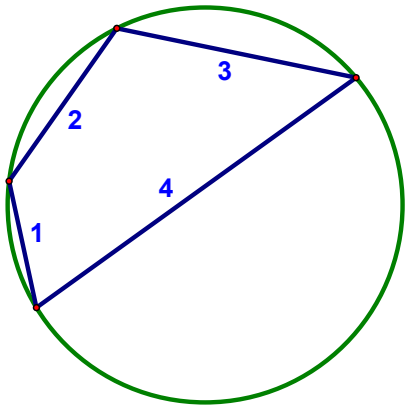
8.

Find the measures of the three altitudes of the triangle shown.



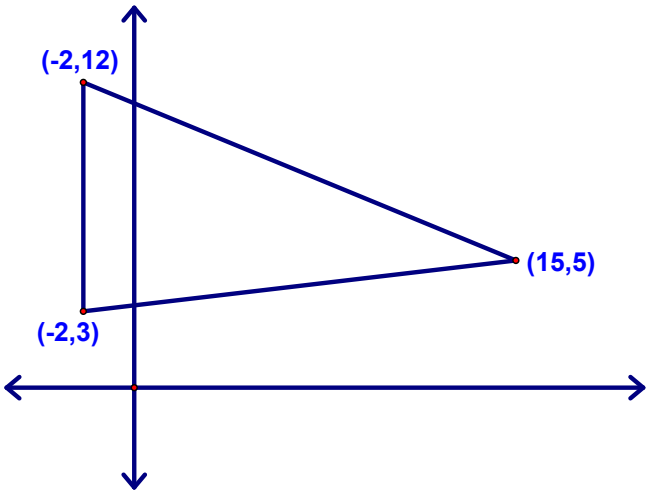
9.

Find the area of the quadrilateral shown.



10.

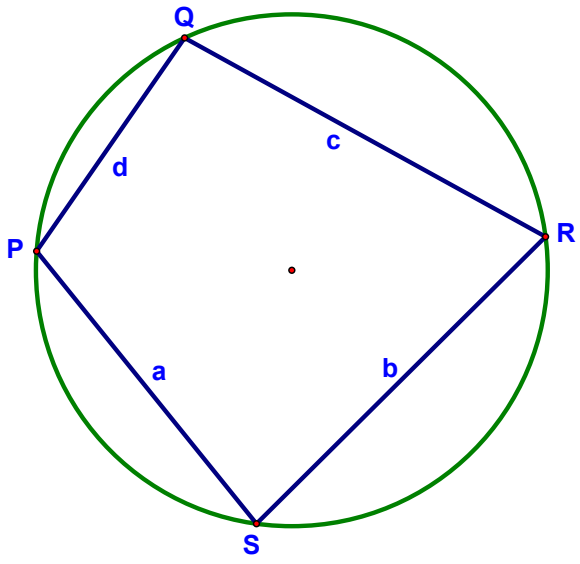
Find the area of the triangle.



11.

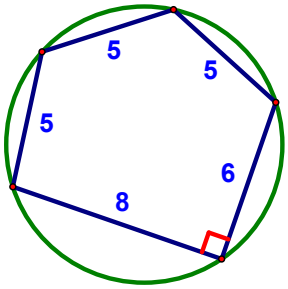
a. As $\overline{PQ}$ gets smaller and smaller, what happens to quadrilaterasl PQRS?

b. What happens to Brahmagupta's formula if P and Q become the same point?



12.

Find the area of the pentagon to the nearesth tenth.



13.

Given: ⊙O with C = (3,8), D = (9,8), $m\overset{\frown}{CD} = 60°$.

Find: a. The coordinates of O.

b. the circumference of ⊙O to the nearest tenth.