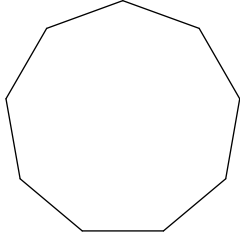


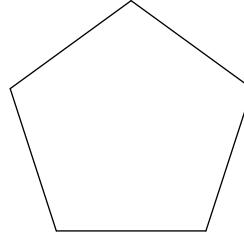
## Worksheet 15.1

**Find the interior angle sum for each polygon and then find each interior angle. Round your answer to the nearest tenth if necessary.**

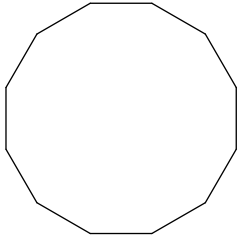
1)



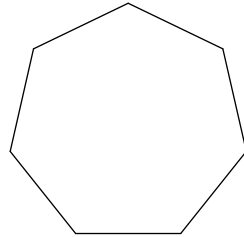
2)



3)



4)



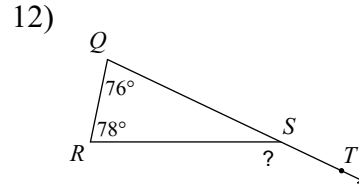
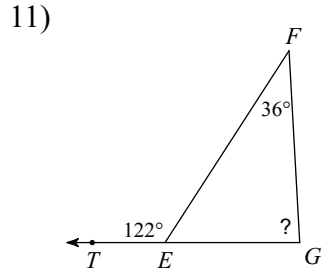
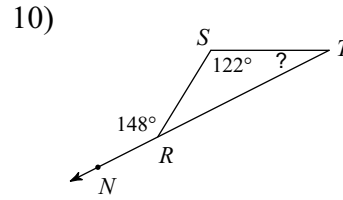
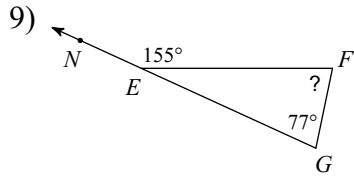
5) regular quadrilateral

6) regular 16-gon

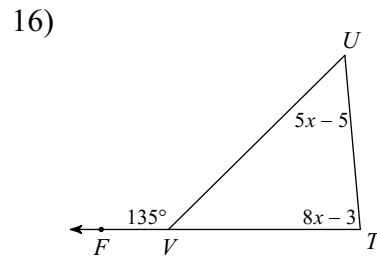
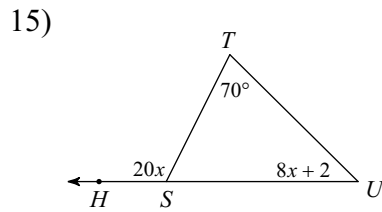
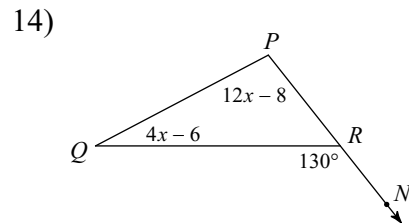
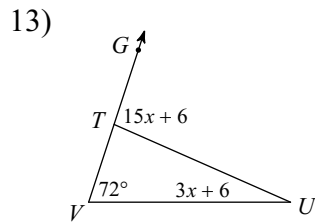
7) regular decagon

8) regular hexagon

Find the measure of each angle indicated.

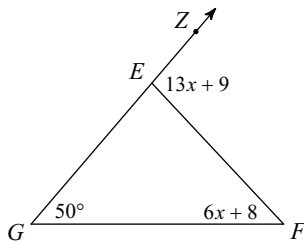


Solve for  $x$ .



Find the measure of the angle indicated.

17) Find  $m\angle ZEF$ .



18) Find  $m\angle F$ .

