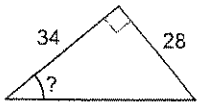
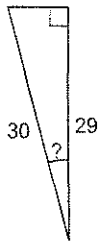
Geometry Name _____

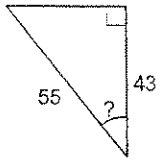
8.3 - Finding the Missing Angles

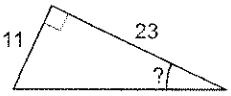
Date _____ Period ____

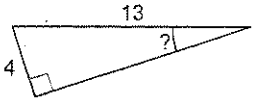
Find the measure of the indicated angle to the nearest degree.

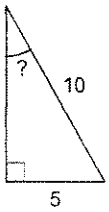
1) 

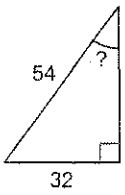
2) 

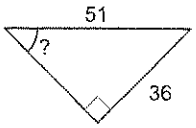
3) 

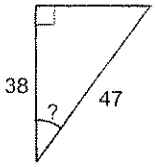
4) 

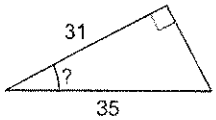
5) 

6) 

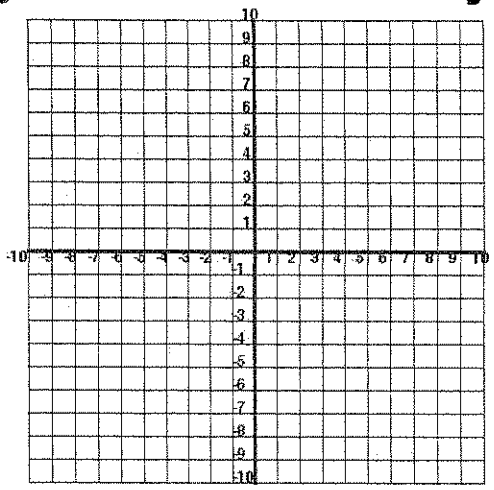
7) 

8) 

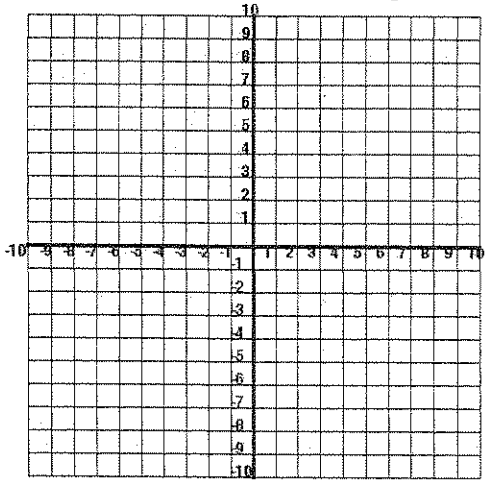
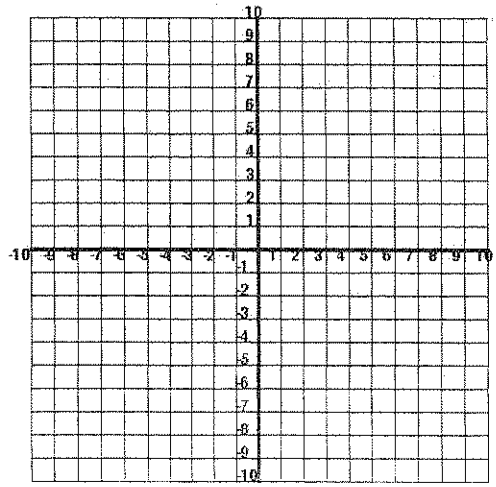
9) 

10) 

The coordinates of the vertices of ΔPQR are $P(-3, 3)$, $Q(2, 3)$, and $R(-3, -4)$. Find the side lengths to the nearest hundredth and the angle measures to the nearest degree.



The coordinates of the vertices of ΔRST are $R(-3, 5)$, $S(4, 5)$, and $T(4, -2)$. Find the side lengths to the nearest hundredth and the angle measures to the nearest degree.



6. The coordinates of the vertices of ΔMNP are $M(-3, -2)$, $N(-3, 5)$, and $P(6, 5)$. Find the side lengths to the nearest hundredth and the angle measures to the nearest degree.