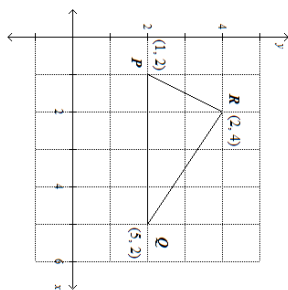
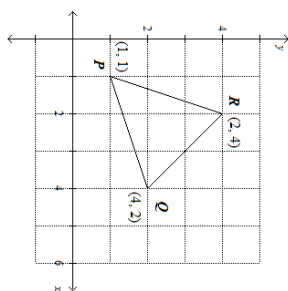


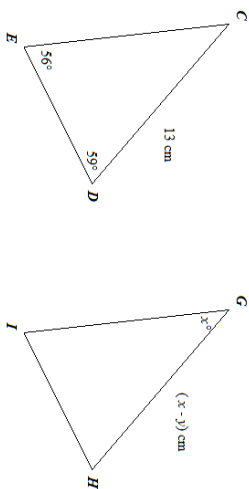
Classify $\triangle PQR$ by its sides. Then determine whether it is a right triangle.



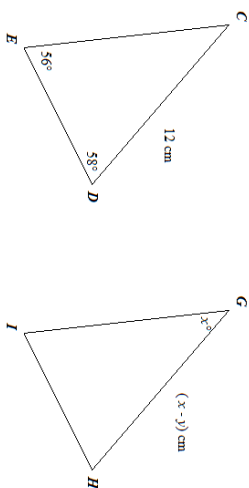
Classify $\triangle PQR$ by its sides. Then determine whether it is a right triangle.



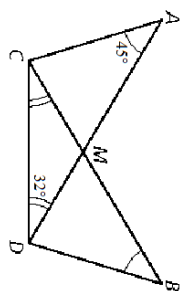
In the diagram, $\triangle CDE \cong \triangle GHI$. Find the value of y .



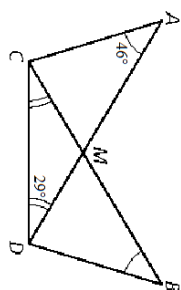
In the diagram, $\triangle CDE \cong \triangle GHI$. Find the value of y .



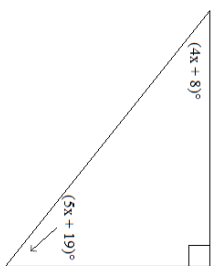
Find $m\angle BDC$.



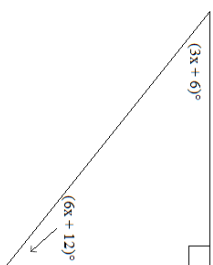
Find $m\angle BDC$.



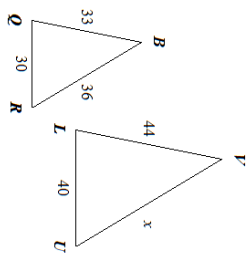
Find the measure of each acute angle.



Find the measure of each acute angle.



In the diagram, $\triangle QBR \sim \triangle LVU$. Find the value of x .



In the diagram, $\triangle NUS \sim \triangle BRT$. Find the value of x .

