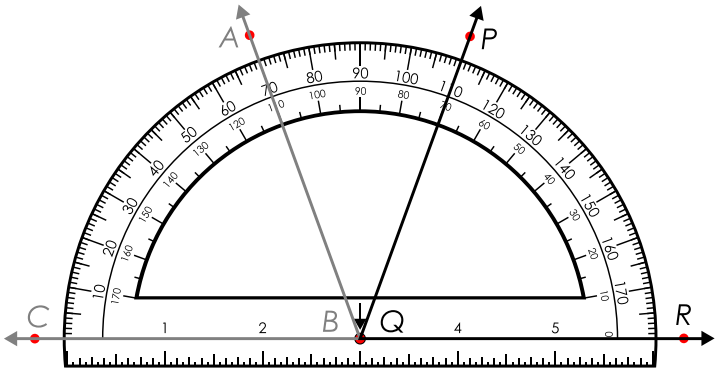
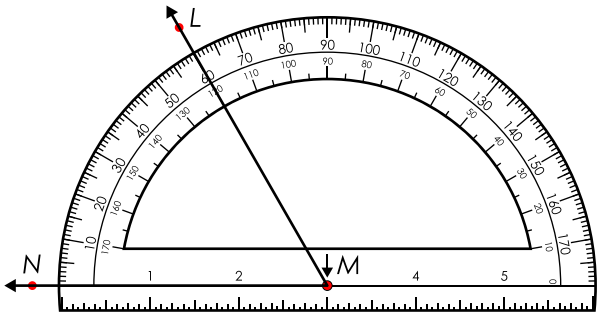
Name: _____

Using a Protractor

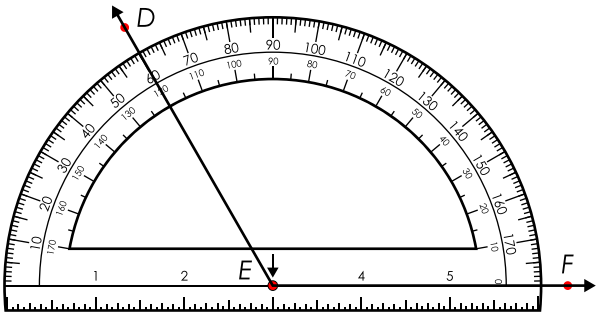


The protractor's arrow and pen hole is placed on the angle's vertex. The 0˚ line is placed over one side of the angle. If the 0˚ line is used on the left of the pen hole, use the outside edge for the measure. If the 0˚ line is used on the right of the pen hole, use the the inside edge. Read the measure where the other leg of the angle intersects the protractor.

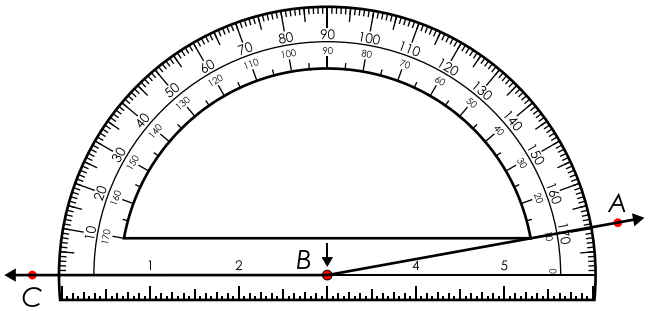
∠*ABC* and ∠*PQR* both measure 70˚.



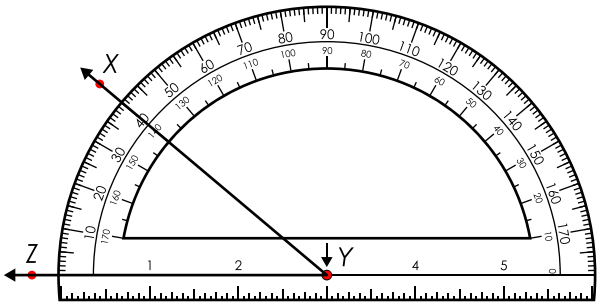
∠*LMN* = _____



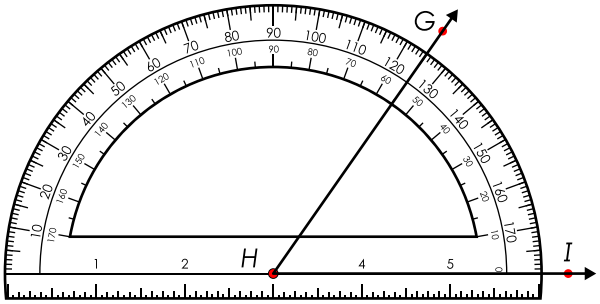
∠*DEF* = _____



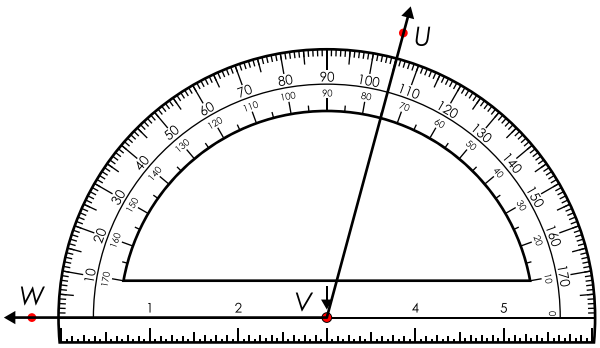
∠*ABC* = _____



∠*XYZ* = _____



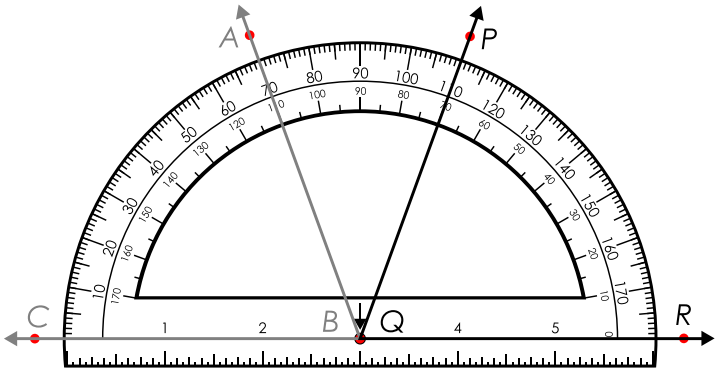
∠*GHI* = _____



∠*UVW* = _____

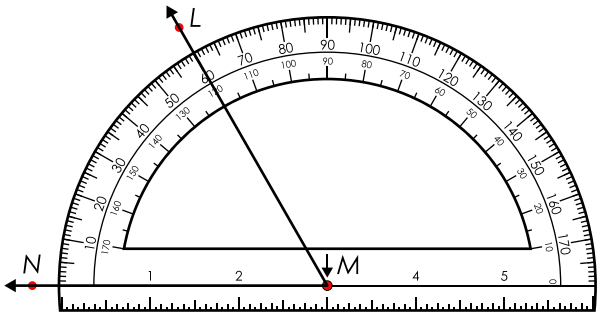
ANSWER KEY

Using a Protractor

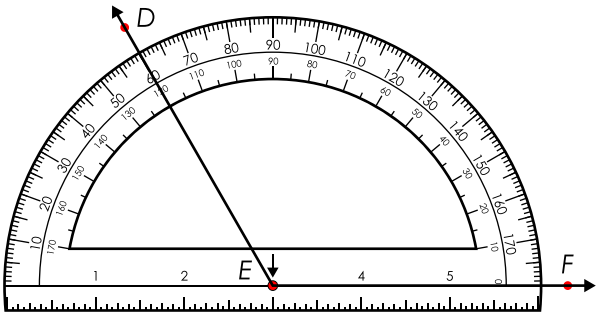


The protractor's arrow and pen hole is placed on the angle's vertex. The 0˚ line is placed over one side of the angle. If the 0˚ line is used on the left of the pen hole, use the outside edge for the measure. If the 0˚ line is used on the right of the pen hole, use the the inside edge. Read the measure where the other leg of the angle intersects the protractor.

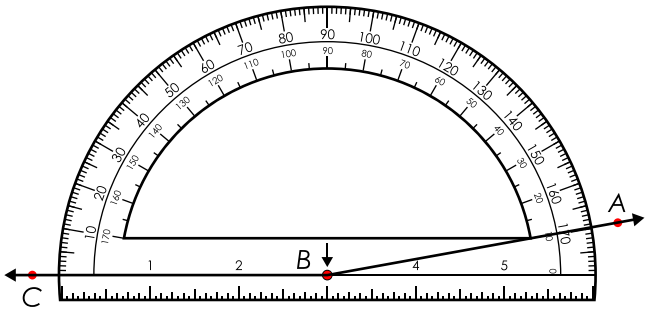
∠*ABC* and ∠*PQR* both measure 70˚.



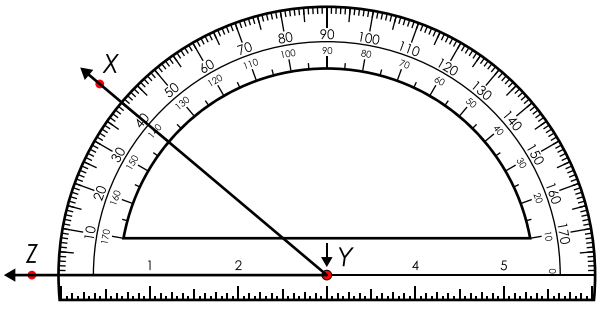
∠*LMN* = **60°**



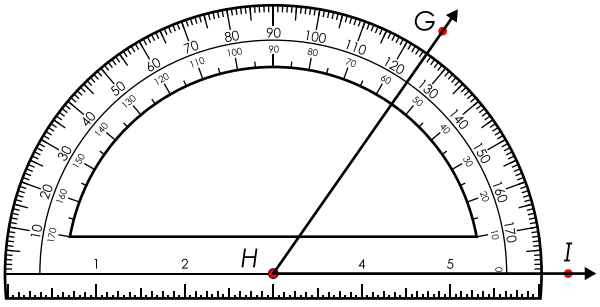
∠*DEF* = **120°**



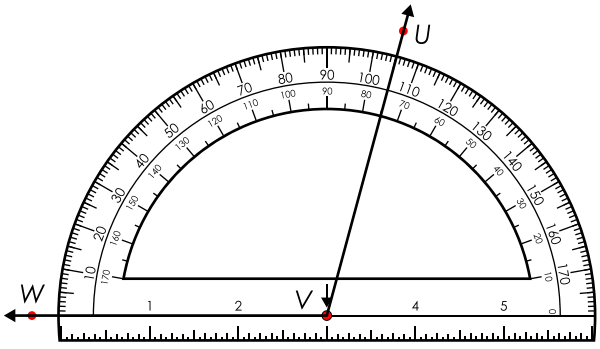
∠*ABC* = **170°**



∠*XYZ* = **40°**



∠*GHI* = **55°**



∠*UVW* = **105°**