

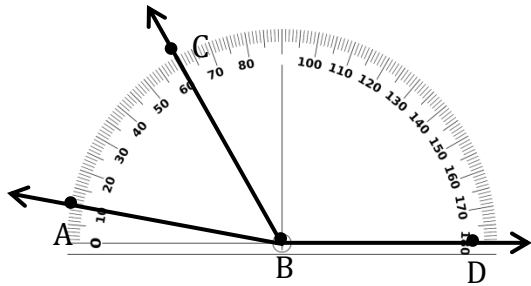
Angles

Name: _____

Date: _____

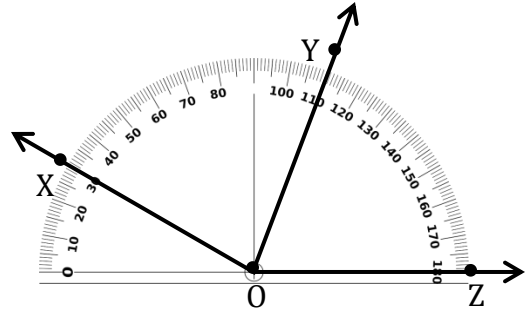
Solve each problem.

1)



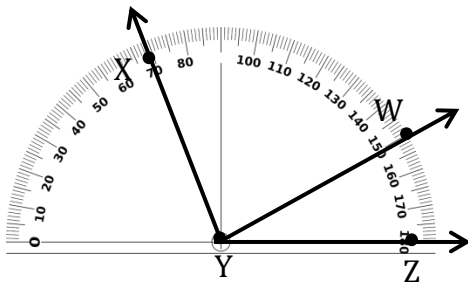
Draw a ray BC so that it cuts angle ABD into two smaller angles, with angle ABC as 50° . What is the angle for CBD?

2)



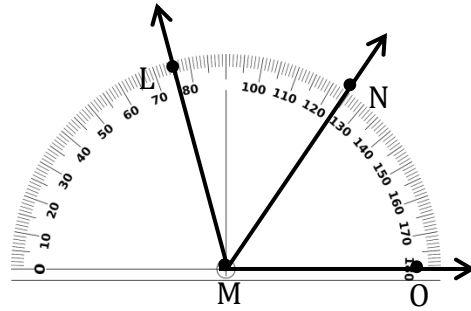
Draw a ray OY so that it cuts angle XOZ into two smaller angles, with angle YOZ as 70° . What is the angle for XOY?

3)



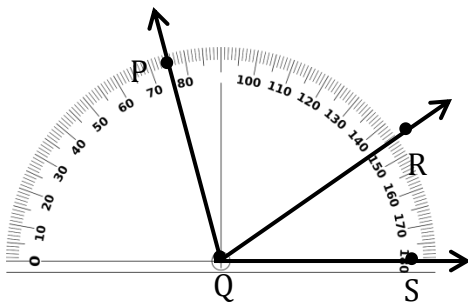
Draw a ray YW so that it cuts angle XYZ into two smaller angles, with angle XYW as 80° . What is the angle for WYZ?

4)



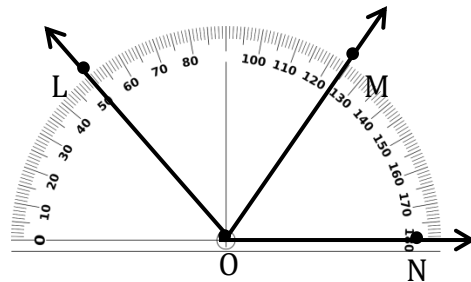
Draw a ray MN so that it cuts angle LMO into two smaller angles, with angle NMO as 55° . What is the angle for LMN?

5)



Draw a ray QR so that it cuts angle PQS into two smaller angles, with angle RQS as 35° . What is the angle for PQR?

6)



Draw a ray OM so that it cuts angle LON into two smaller angles, with angle MON as 55° . What is the angle for LOM?

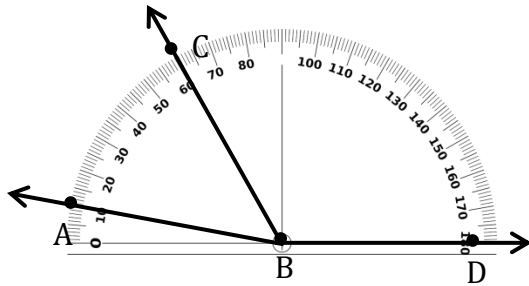
Angles

Name: _____

Date: _____

Solve each problem.

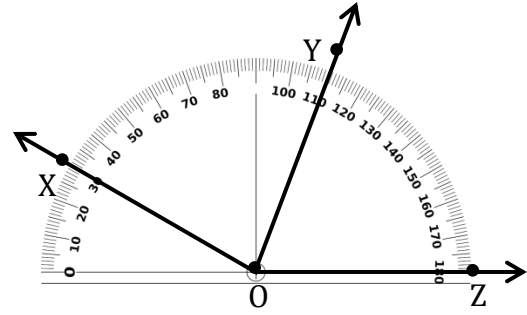
1)



Draw a ray BC so that it cuts angle ABD into two smaller angles, with angle ABC as 50° . What is the angle for CBD?

120°

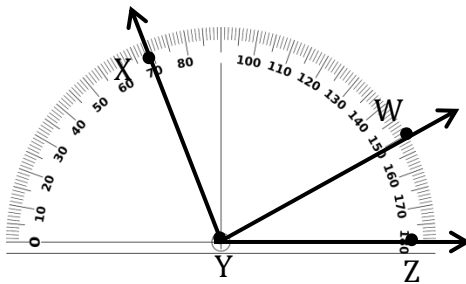
2)



Draw a ray OY so that it cuts angle XOZ into two smaller angles, with angle YOZ as 70° . What is the angle for XOY?

80°

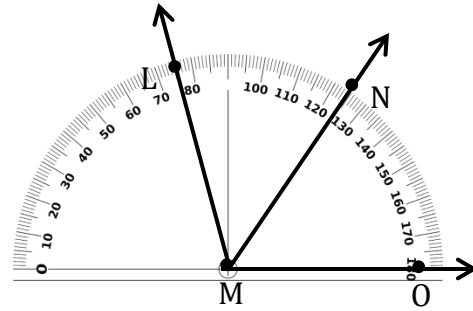
3)



Draw a ray YW so that it cuts angle XYZ into two smaller angles, with angle XYW as 80° . What is the angle for WYZ?

30°

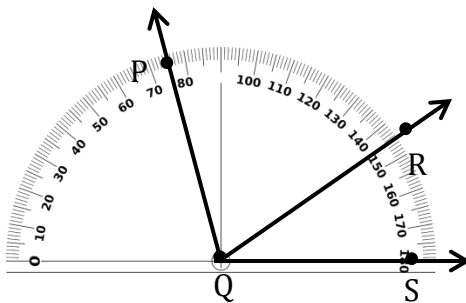
4)



Draw a ray MN so that it cuts angle LMO into two smaller angles, with angle NMO as 55° . What is the angle for LMN?

50°

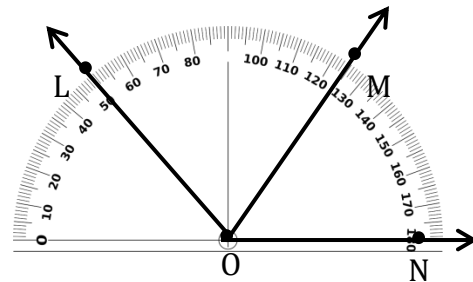
5)



Draw a ray QR so that it cuts angle PQS into two smaller angles, with angle RQS as 35° . What is the angle for PQR?

70°

6)



Draw a ray OM so that it cuts angle LON into two smaller angles, with angle MON as 55° . What is the angle for LOM?

75°