

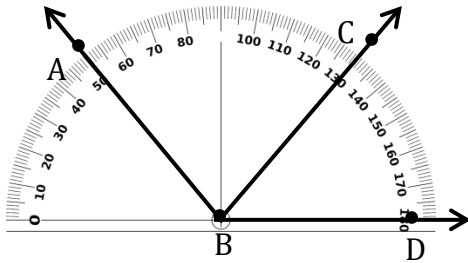
# Angles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem.

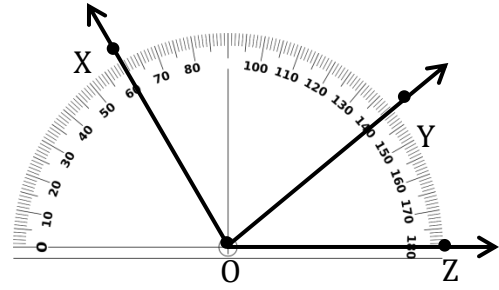
1)



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

\_\_\_\_\_

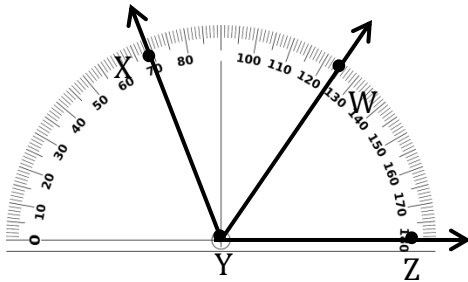
2)



Draw a ray OY so that it cuts angle XOZ into two smaller angles, with angle YOZ as  $40^\circ$ . What is the angle for XOY?

\_\_\_\_\_

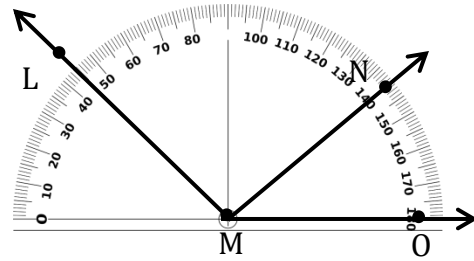
3)



Draw a ray YW so that it cuts angle XYZ into two smaller angles, with angle WYZ as  $55^\circ$ . What is the angle for XYW?

\_\_\_\_\_

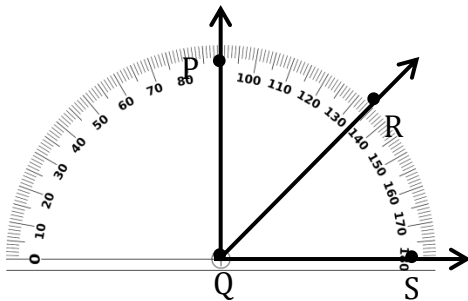
4)



Draw a ray MN so that it cuts angle LMO into two smaller angles, with angle NMO as  $40^\circ$ . What is the angle for LMN?

\_\_\_\_\_

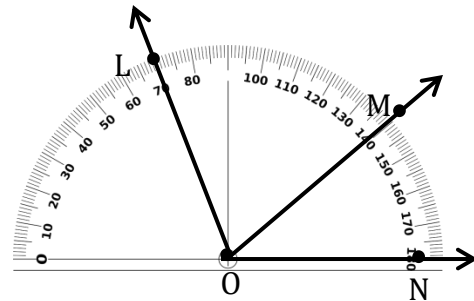
5)



Draw a ray QR so that it cuts angle PQS into two smaller angles, with angle RQS as  $45^\circ$ . What is the angle for PQR?

\_\_\_\_\_

6)



Draw a ray OM so that it cuts angle LON into two smaller angles, with angle LOM as  $70^\circ$ . What is the angle for MON?

\_\_\_\_\_

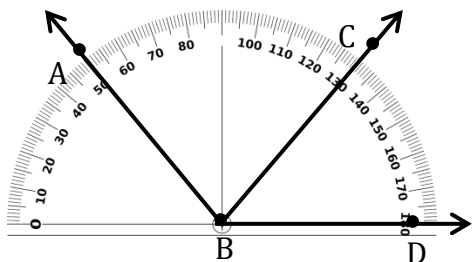
# Angles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem.

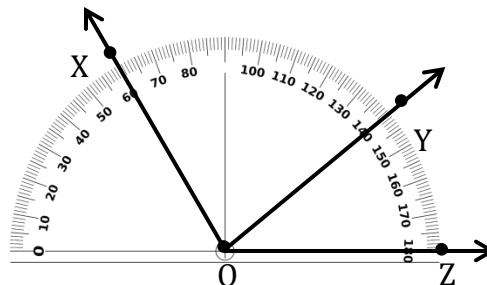
1)



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

80°

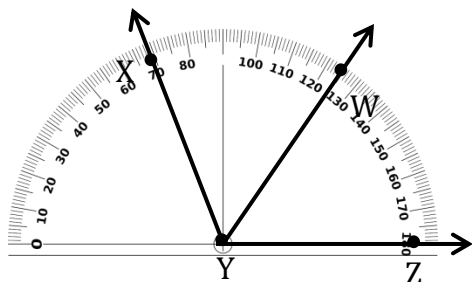
2)



Draw a ray OY so that it cuts angle XOZ into two smaller angles, with angle YOZ as  $40^\circ$ . What is the angle for XOY?

80°

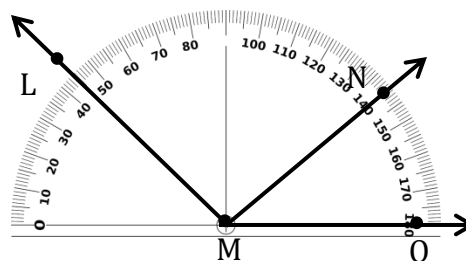
3)



Draw a ray YW so that it cuts angle XYZ into two smaller angles, with angle WYZ as  $55^\circ$ . What is the angle for XYW?

55°

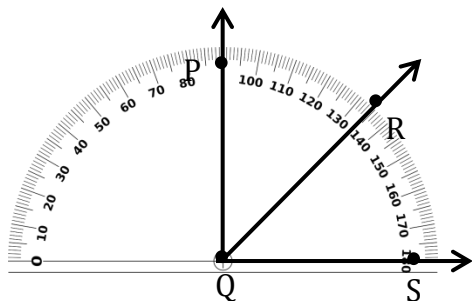
4)



Draw a ray MN so that it cuts angle LMO into two smaller angles, with angle NMO as  $40^\circ$ . What is the angle for LMN?

95°

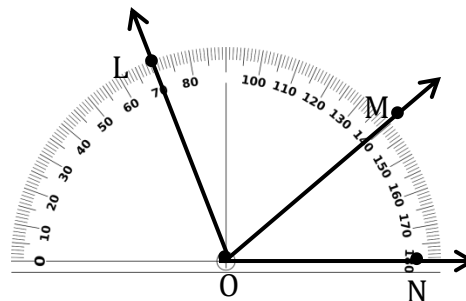
5)



Draw a ray QR so that it cuts angle PQS into two smaller angles, with angle RQS as  $45^\circ$ . What is the angle for PQR?

45°

6)



Draw a ray OM so that it cuts angle LON into two smaller angles, with angle LOM as  $70^\circ$ . What is the angle for MON?

40°