

# Geometry Chapter 9 Practice Test 1

Name \_\_\_\_\_

Figure 1

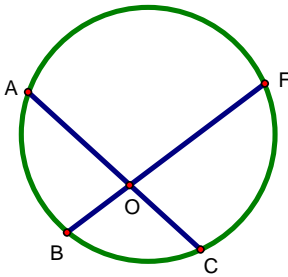


Figure 2

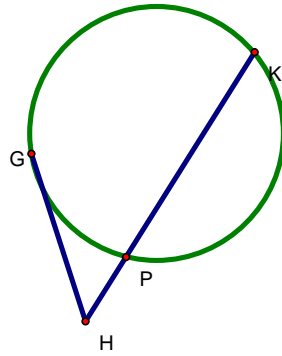


Figure 3

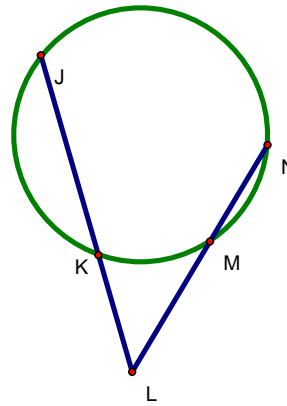


Figure 4

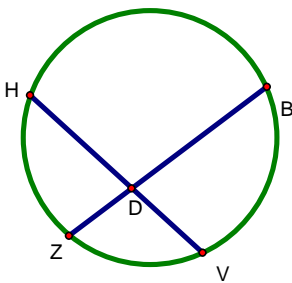


Figure 5

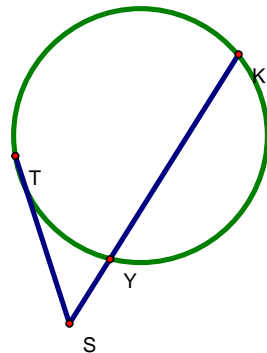
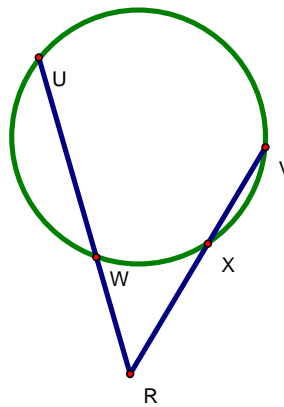
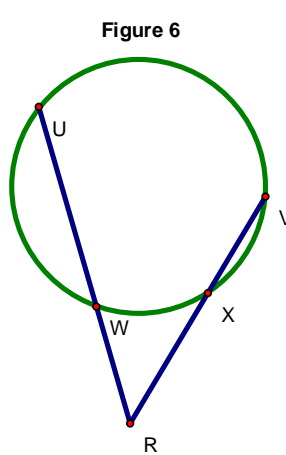
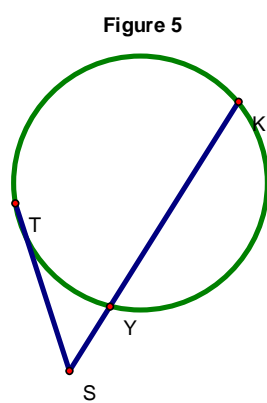
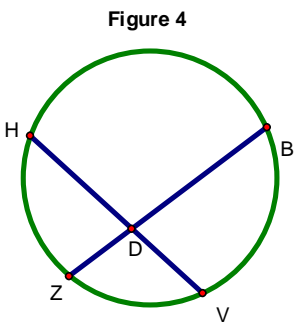
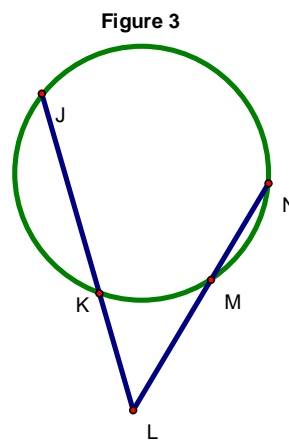
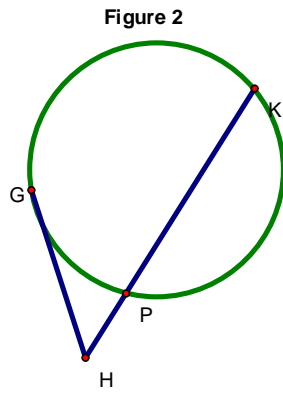
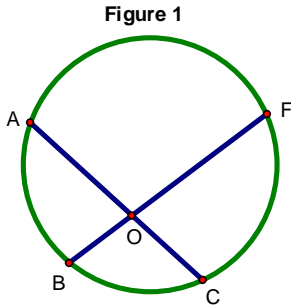


Figure 6



- \_\_\_\_\_ 1. If in Figure 1,  $AO = 6$ ,  $BO = 2$ , and  $CO = 4$ , what is  $FO$ ?
- \_\_\_\_\_ 2. If in Figure 2,  $HP = 4$ ,  $PK = 8$ , what is  $GH$ ?
- \_\_\_\_\_ 3. If in Figure 3,  $JN = 160^\circ$  and  $KM = 60^\circ$ , what is  $\angle L$ ?
- \_\_\_\_\_ 4. If in Figure 4,  $HZ = 80^\circ$  and  $BV = 100^\circ$ , what is  $\angle VDZ$ ?
- \_\_\_\_\_ 5. If in Figure 5,  $TK = 160^\circ$  and  $TY = 40^\circ$ , what is  $\angle S$ ?
- \_\_\_\_\_ 6. If in Figure 6,  $RX = 8$ ,  $XV = 4$ , and  $WR = 4$ , what is  $UW$ ?



- \_\_\_\_\_ 7. If in Figure 1,  $AO = 8$ ,  $CO = 14$ , and  $BO = 4$ , what is  $FO$ ?
- \_\_\_\_\_ 8. If in Figure 2,  $GH = 8$ ,  $PH = 6$ , what is  $PK$ ?
- \_\_\_\_\_ 9. If in Figure 3,  $\angle JN = 140^\circ$  and  $\angle L = 34^\circ$ , what is  $\angle KM$ ?
- \_\_\_\_\_ 10. If in Figure 4,  $\angle HZ = 70^\circ$  and  $\angle BV = 100^\circ$ , what is  $\angle HDB$ ?
- \_\_\_\_\_ 11. If in Figure 5,  $\angle S = 44^\circ$  and  $\angle TY = 40^\circ$ , what is  $\angle TK$ ?
- \_\_\_\_\_ 12. If in Figure 6,  $RU = 20$ ,  $WR = 8$ , and  $RX = 10$ , what is  $XV$ ?