

9-4 Chord lengths

Name _____

Figure 1

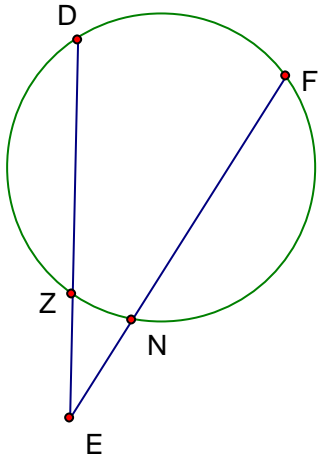


Figure 2

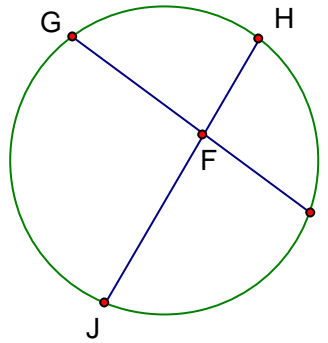
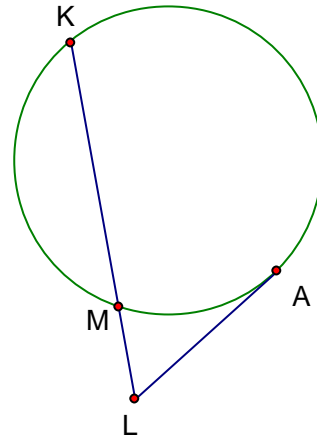


Figure 3



- _____ 1. If in Figure 1, $ZE = 4$, $EN = 6$, and $NF = 8$, what is DZ ?
- _____ 2. If in Figure 1, $ED = 20$, $EN = 4$, and $EF = 22$, what is ZE ?
- _____ 3. If in Figure 1, $DZ = 8$, $ZE = 2$, and $EN = 3$, what is NF ?
- _____ 4. If in Figure 2, $JF = 8$, $FH = 4$, and $FI = 6$, what is GF ?
- _____ 5. If in Figure 2, $HF = FI = 6$, and $JF = 8$, what is GF ?
- _____ 6. If in Figure 2, $JF = 10$, $JH = 18$, and $GF = 6$, what is FI ?
- _____ 7. If in Figure 3, $KM = 8$ and $ML = 4$, what is LA ?
- _____ 8. If in Figure 3, $KL = 10$ and $KM = 4$, what is LA ?
- _____ 9. If in Figure 3, $LA = 12$ and $LM = 8$, what is KM ?
- _____ 10. If in Figure 3, $LA = 10$ and $LM = 4$, what is KM ?