9-2 Tangents Worksheet II Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

are tangent to ⨀*O* at *B* and *D*, respectively. Complete.

*A*

*O*

*D*

*B*

*C*

1. If *OC* = 15 and *OB* = 9, then *BC* = \_\_\_\_\_.
2. If *OC* = and *BC* = 6, then *OB* = \_\_\_\_\_.
3. If *AB* = 12 and *BC* = 8, then *OC* = \_\_\_\_\_.
4. If *OC* = and *BC* = , then *AB* = \_\_\_\_\_.
5. If and *OB* = 4, then *OC* = \_\_\_\_\_.
6. If and *CB* = , then *AB* = \_\_\_\_\_.
7. If \_\_\_\_\_ = \_\_\_\_\_.
8. If \_\_\_\_\_.

