

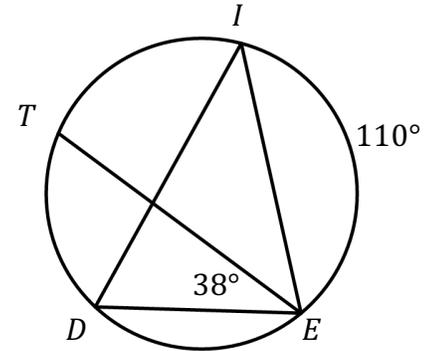
Name \_\_\_\_\_

Date \_\_\_\_\_

### Inscribed Angles - Independent Practice - Part 1 with VIDEO

1. Consider the circle to the right.

Part A: Determine  $m\angle IDE$ .

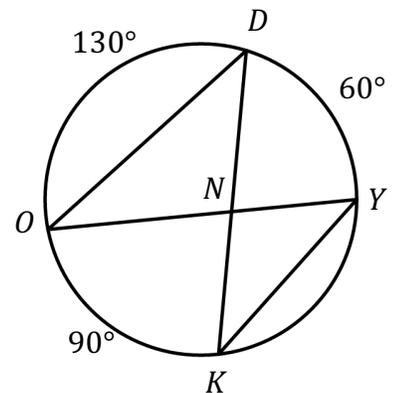


Part B: Determine  $m\widehat{TD}$ .

2. Consider the circle to the right.

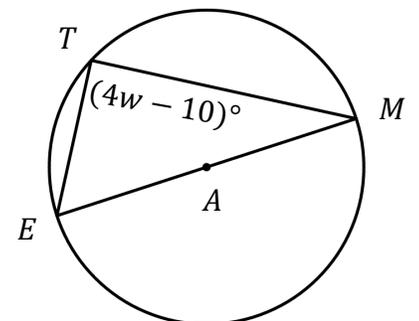
Determine  $m\angle KNY$ .

- A  $30^\circ$
- B  $45^\circ$
- C  $65^\circ$
- D  $105^\circ$



3. Consider the circle below.

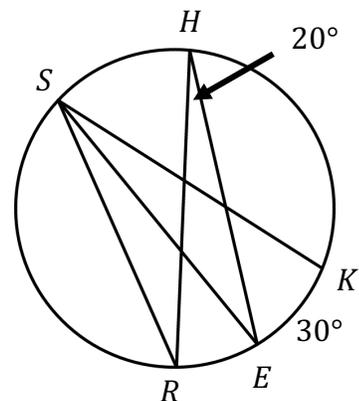
Determine the value of  $w$ .



4. Consider the circle on the right, where  $m\angle RHE = 20^\circ$  and  $m\widehat{EK} = 30^\circ$

Determine  $m\angle RSK$ .

- A  $25^\circ$
- B  $35^\circ$
- C  $50^\circ$
- D  $70^\circ$



5. Consider circle **K** on the right, where  $m\angle SKA = 74^\circ$ .

Determine  $m\angle NTS$ .

- A  $37^\circ$
- B  $74^\circ$
- C  $53^\circ$
- D  $106^\circ$

