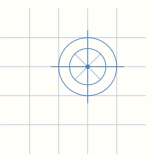


Inscribed angle — Circle angle given

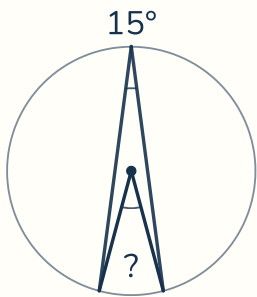
Name: _____

Date: _____



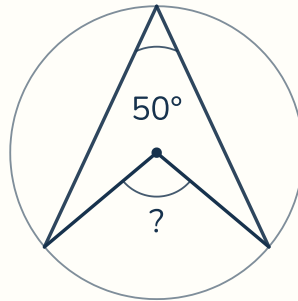
The angle on the circle is given. Find the angle at the center.

①



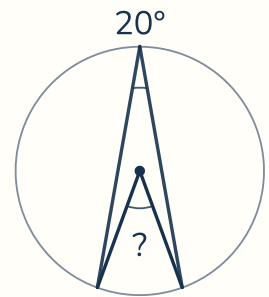
30 degrees

②



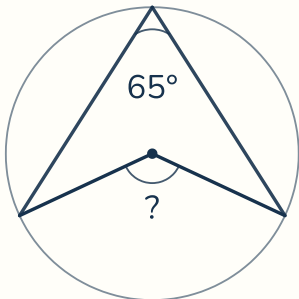
_____ degrees

③



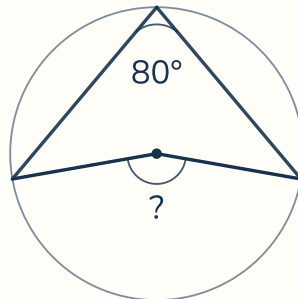
_____ degrees

④



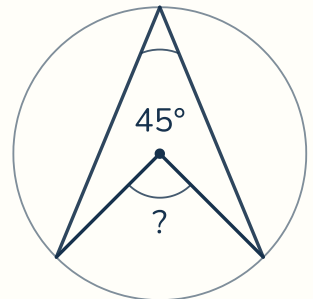
_____ degrees

⑤



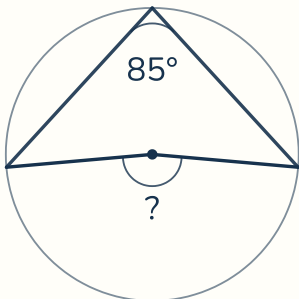
_____ degrees

⑥



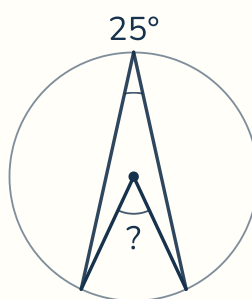
_____ degrees

⑦



_____ degrees

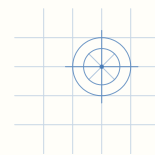
⑧



_____ degrees



Inscribed angle · Circle angle given — Answer key



- | | | | |
|---|---|---|---|
| 1. circle $15^\circ \rightarrow$ center 30° | 2. circle $50^\circ \rightarrow$ center 100° | 3. circle $20^\circ \rightarrow$ center 40° | 4. circle $65^\circ \rightarrow$ center 130° |
| 5. circle $80^\circ \rightarrow$ center 160° | 6. circle $45^\circ \rightarrow$ center 90° | 7. circle $85^\circ \rightarrow$ center 170° | 8. circle $25^\circ \rightarrow$ center 50° |