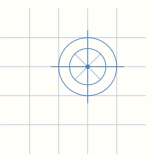


Inscribed angle — Center angle given

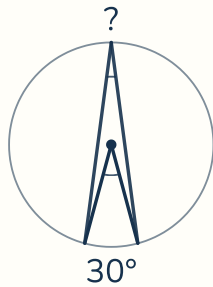
Name: _____

Date: _____



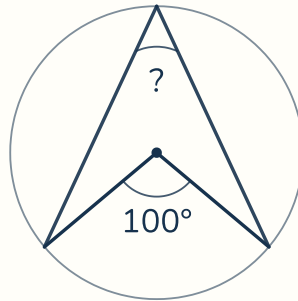
The angle at the center is given. Find the angle on the circle.

1



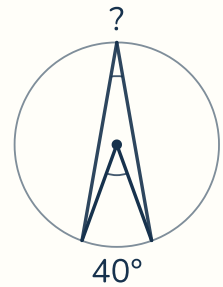
15 degrees

2



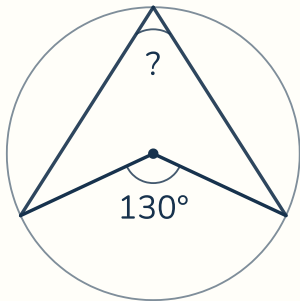
_____ degrees

3



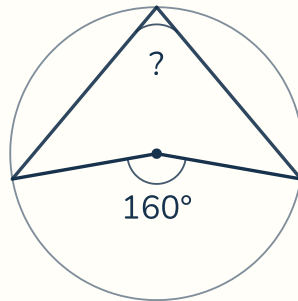
_____ degrees

4



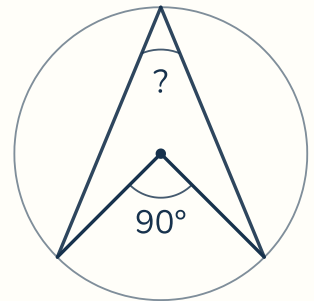
_____ degrees

5



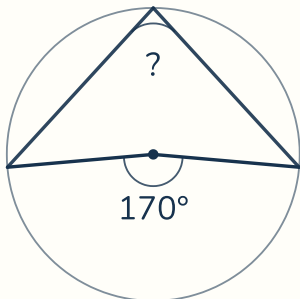
_____ degrees

6



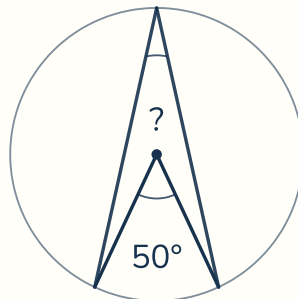
_____ degrees

7



_____ degrees

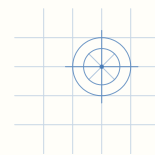
8



_____ degrees



Inscribed angle · Center angle given — Answer key



1. center $30^\circ \rightarrow$ circle 15°

2. center $100^\circ \rightarrow$ circle 50°

3. center $40^\circ \rightarrow$ circle 20°

4. center $130^\circ \rightarrow$ circle 65°

5. center $160^\circ \rightarrow$ circle 80°

6. center $90^\circ \rightarrow$ circle 45°

7. center $170^\circ \rightarrow$ circle 85°

8. center $50^\circ \rightarrow$ circle 25°