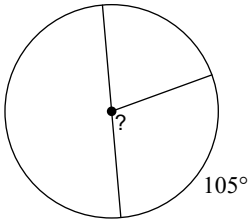
Geometry Name_____ ID: 1

Central and Inscribed Angles

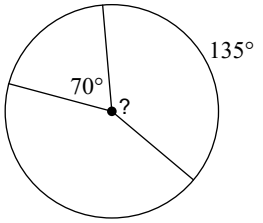
Date_____ Period____

Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

1)



2)



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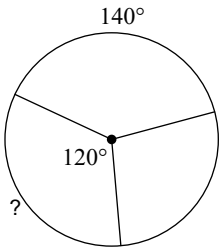

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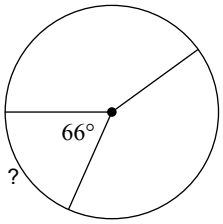

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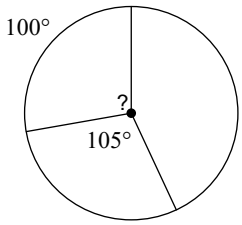

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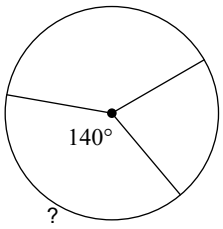

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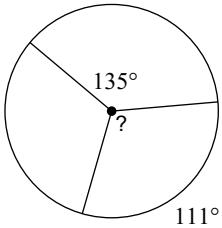

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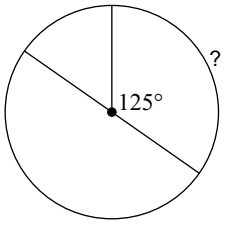

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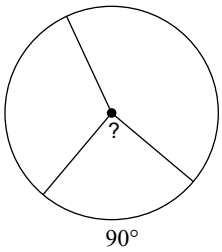
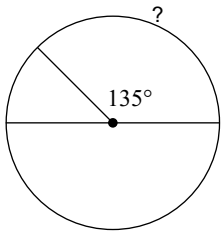
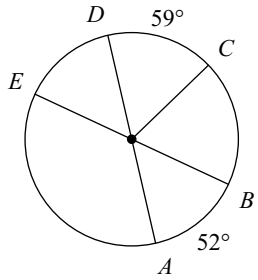


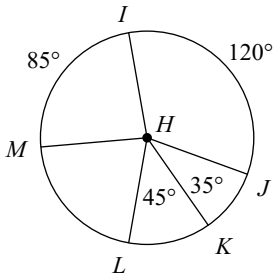
10)



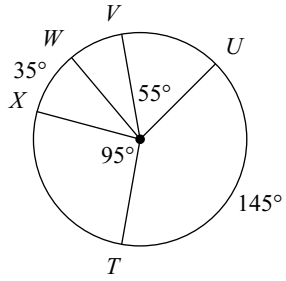
11) $m\widehat{CB}$



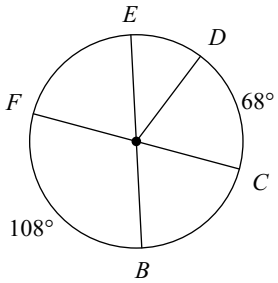
12) $m\angle IHK$



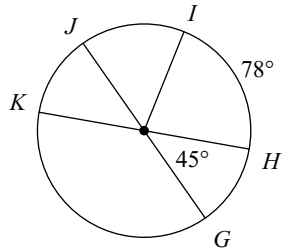
13) $m\widehat{TV}$



14) $m\widehat{CB}$

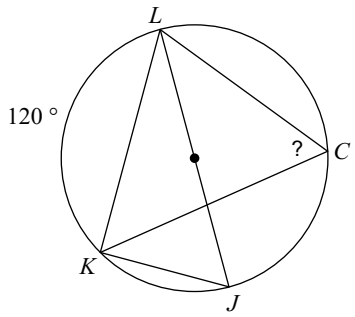


15) $m\widehat{JH}$

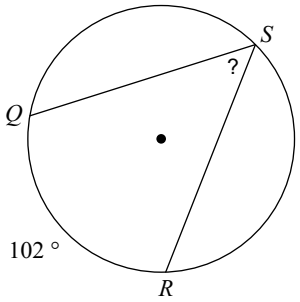


Find the measure of the arc or angle indicated.

16)



17)



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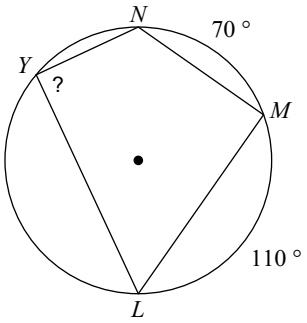
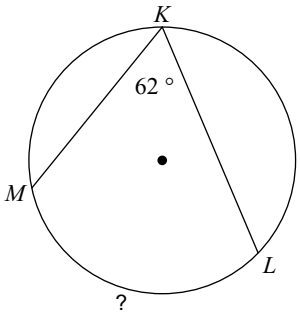
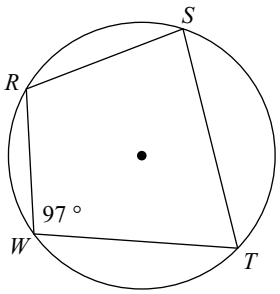


19)



20) Find $m\widehat{RST}$



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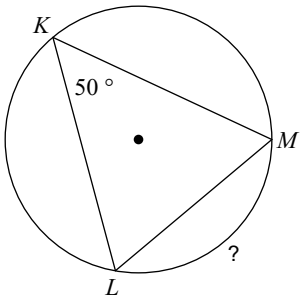

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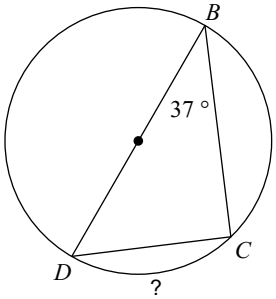

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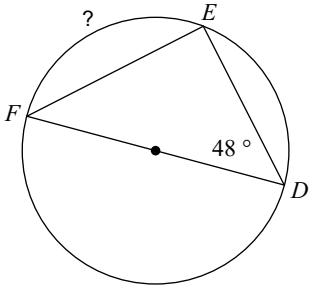

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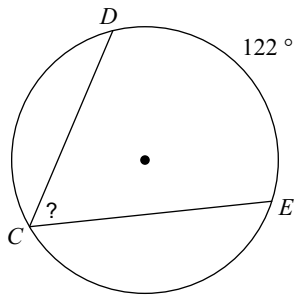
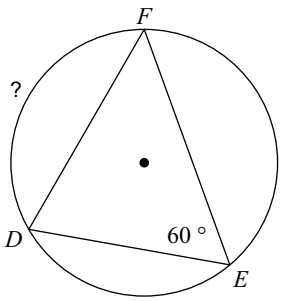


25)



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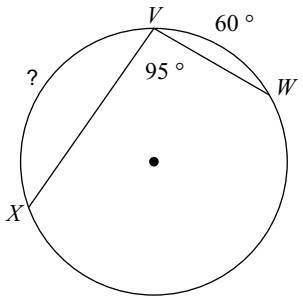
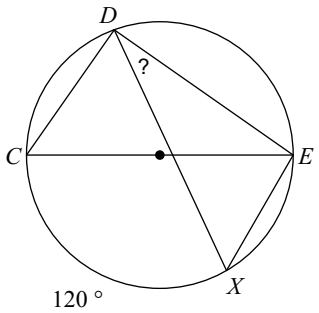


27)



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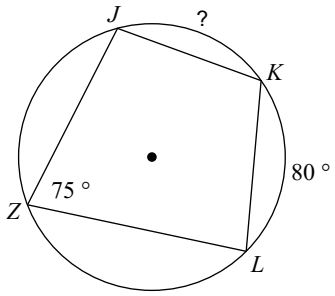

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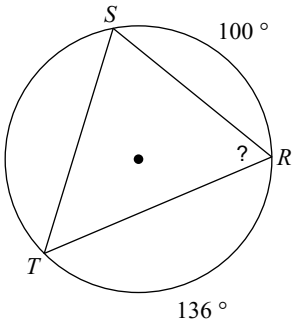
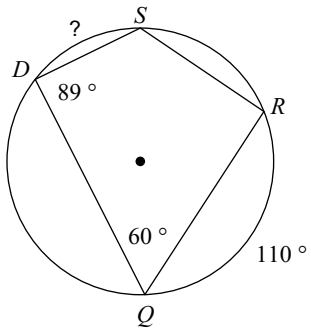


30)



Answers to Central and Inscribed Angles (ID: 1)

1) 105°
2) 135°
3) 120°
4) 66°
5) 100°
6) 140°
7) 111°
8) 125°
9) 90°
10) 135°
11) 69°
12) 155°
13) 160°
14) 72°
15) 135°
16) 60°
17) 51°
18) 90°
19) 124°
20) 194°
21) 100°
22) 74°
23) 96°
24) 61°
25) 120°
26) 110°
27) 30°
28) 70°
29) 62°
30) 52°