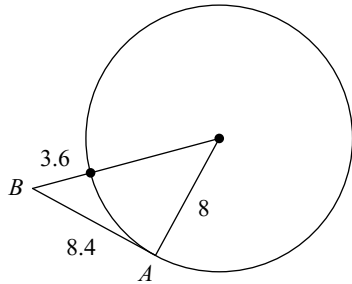


Circle Tangents pack 1

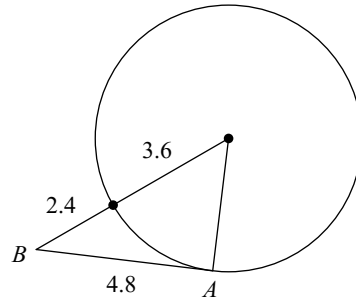
Skill 1 - Determine if line AB is tangent to the circle.

1)



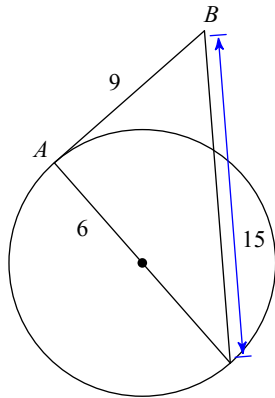
A) Not tangent      B) Tangent

2)



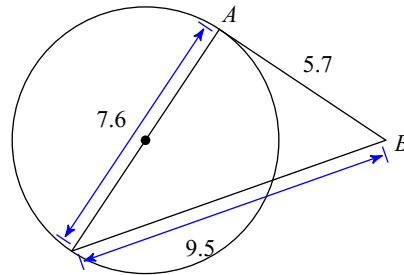
A) Tangent      B) Not tangent

3)



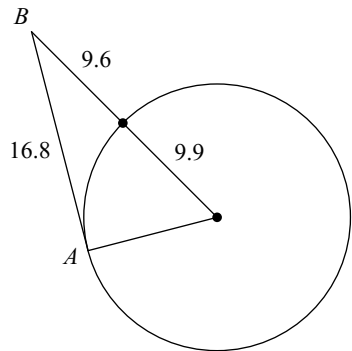
A) Tangent      B) Not tangent

4)



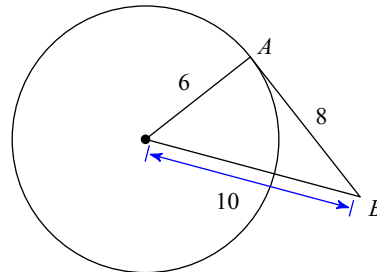
A) Tangent      B) Not tangent

5)



A) Not tangent      B) Tangent

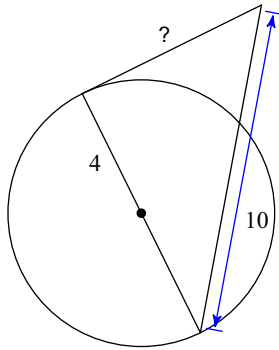
6)



A) Tangent      B) Not tangent

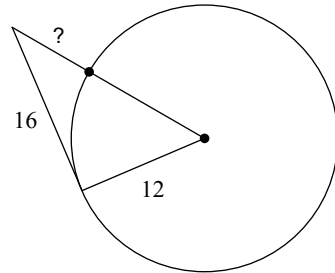
**Skill 2 - Find the segment length indicated. Assume that lines which appear to be tangent are tangent.**

7)



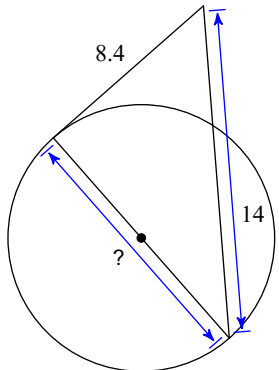
- A) 6      B) 6.7  
C) 6.6    D) 6.9

8)



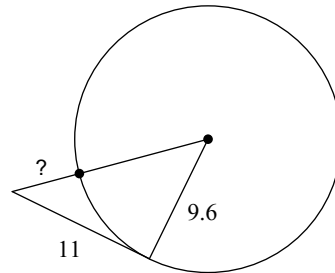
- A) 8      B) 5.1  
C) 10.6    D) 8.3

9)



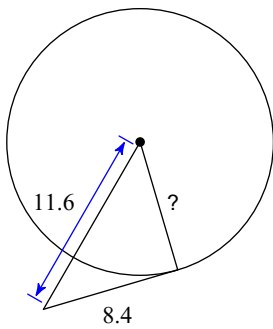
- A) 11.2    B) 15  
C) 8.5     D) 11.8

10)



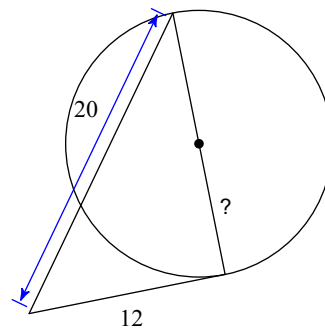
- A) 5      B) 16.1  
C) 6.4    D) 6.1

11)



- A) 11.1    B) 8  
C) 6.5     D) 8.7

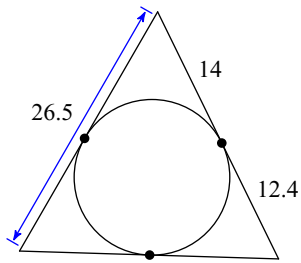
12)



- A) 9.7      B) 8  
C) 10.2    D) 9

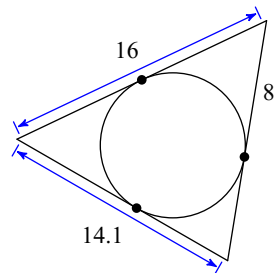
**Section 3 - Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.**

13)



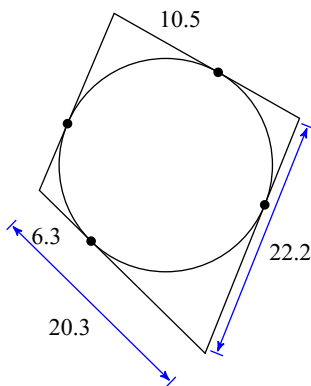
- A) 90.5      B) 77.8  
C) 70.6      D) 56.3

14)



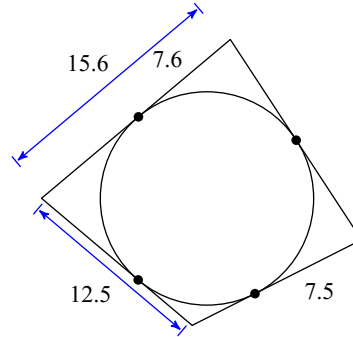
- A) 44.2      B) 73.2  
C) 61.3      D) 29.2

15)



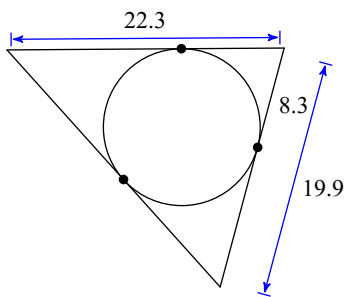
- A) 73.1      B) 78  
C) 25        D) 74.2

16)



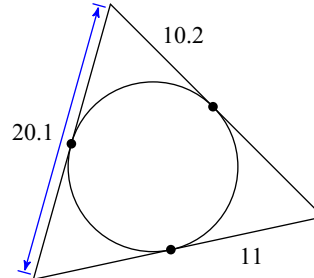
- A) 63.2      B) 35.6  
C) 55.2      D) 60.8

17)



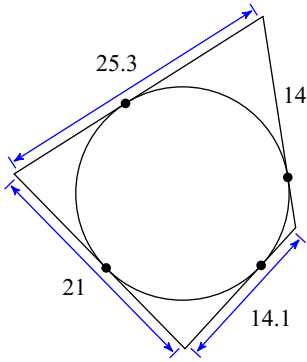
- A) 67.8      B) 25.8  
C) 94.3      D) 63.9

18)



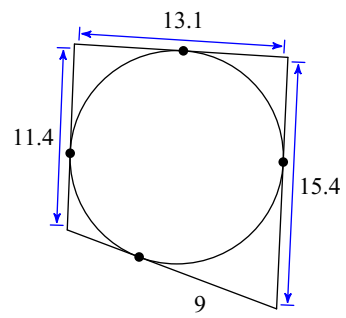
- A) 65.8      B) 63.2  
C) 72        D) 62.2

19)



- A) 78.8      B) 87.7  
C) 97         D) 65.7

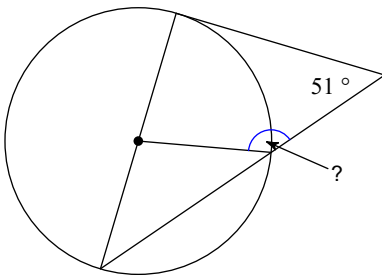
20)



- A) 53.6      B) 58.7  
C) 48.2      D) 74.7

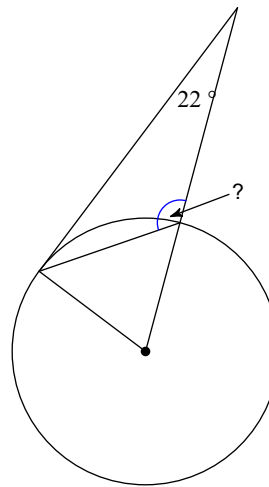
**Skill 4 - Find the angle measure indicated. Assume that lines which appear to be tangent are tangent.**

21)



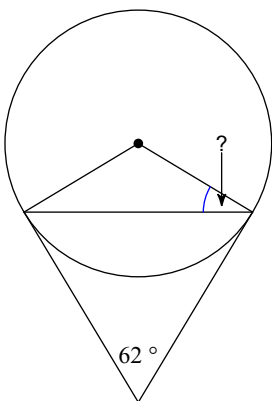
- A)  $120^\circ$       B)  $118^\circ$   
C)  $141^\circ$       D)  $160^\circ$

22)



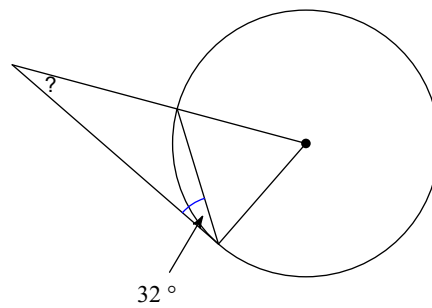
- A)  $102^\circ$       B)  $124^\circ$   
C)  $156^\circ$       D)  $98^\circ$

23)



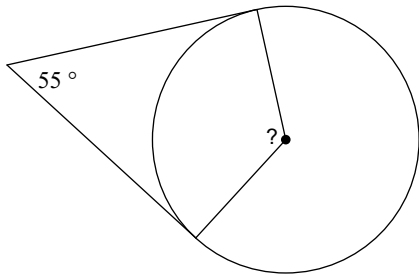
- A)  $19^\circ$       B)  $31^\circ$   
C)  $35^\circ$       D)  $66^\circ$

24)



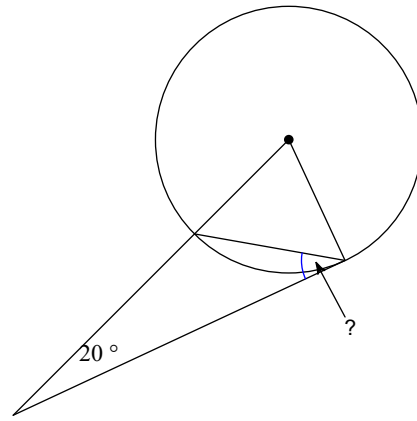
- A)  $25^\circ$       B)  $32^\circ$   
C)  $26^\circ$       D)  $28^\circ$

25)



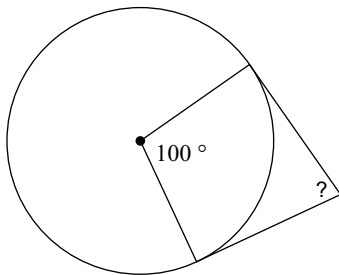
- A)  $125^\circ$       B)  $103^\circ$   
 C)  $141^\circ$       D)  $133^\circ$

26)



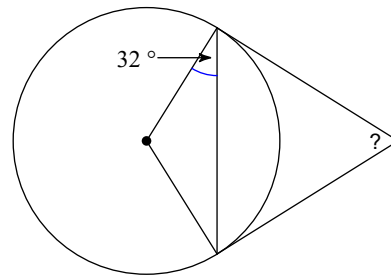
- A)  $25^\circ$       B)  $23^\circ$   
 C)  $35^\circ$       D)  $21^\circ$

27)



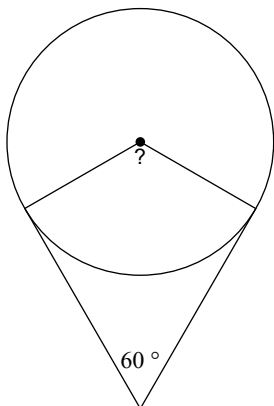
- A)  $31^\circ$       B)  $70^\circ$   
 C)  $38^\circ$       D)  $80^\circ$

28)



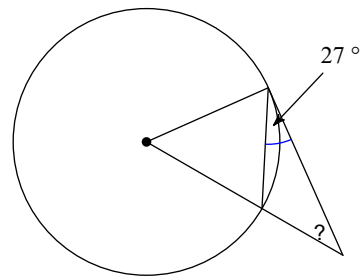
- A)  $33^\circ$       B)  $32^\circ$   
 C)  $36^\circ$       D)  $64^\circ$

29)

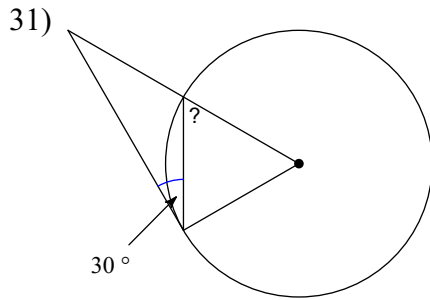


- A)  $140^\circ$       B)  $150^\circ$   
 C)  $120^\circ$       D)  $130^\circ$

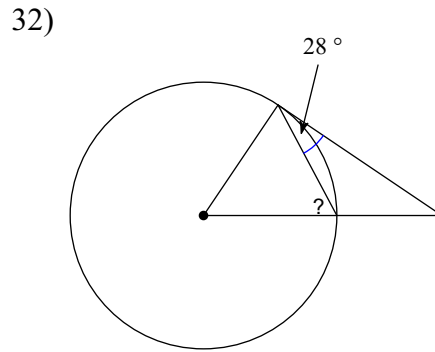
30)



- A)  $36^\circ$       B)  $54^\circ$   
 C)  $27^\circ$       D)  $39^\circ$

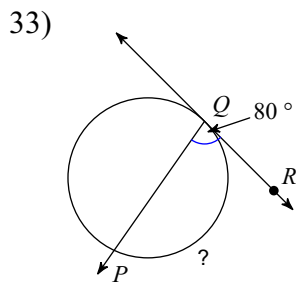


- A)  $32^\circ$       B)  $39^\circ$   
 C)  $60^\circ$       D)  $37^\circ$

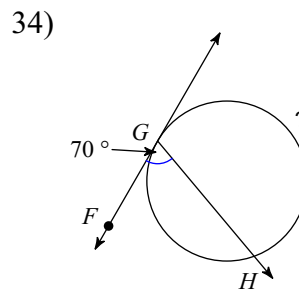


- A)  $52^\circ$       B)  $39^\circ$   
 C)  $31^\circ$       D)  $62^\circ$

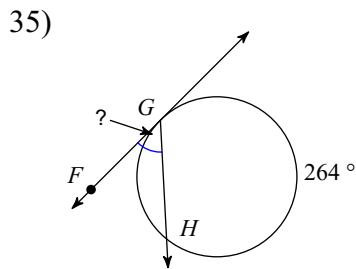
**Skill 5 - Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.**



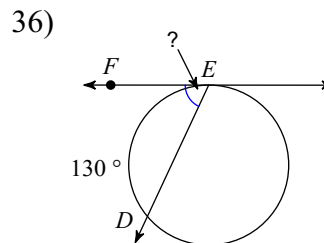
- A)  $160^\circ$       B)  $155^\circ$   
 C)  $180^\circ$       D)  $125^\circ$



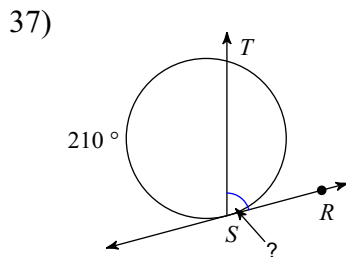
- A)  $180^\circ$       B)  $190^\circ$   
 C)  $220^\circ$       D)  $267^\circ$



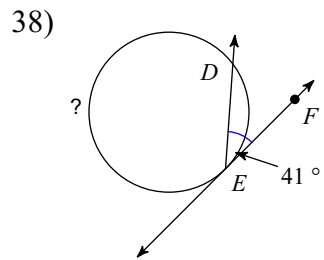
- A)  $49^\circ$       B)  $31^\circ$   
 C)  $48^\circ$       D)  $39^\circ$



- A)  $65^\circ$       B)  $80^\circ$   
 C)  $85^\circ$       D)  $77^\circ$

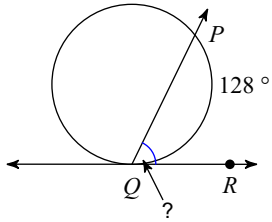


- A)  $75^\circ$       B)  $78^\circ$   
 C)  $65^\circ$       D)  $46^\circ$



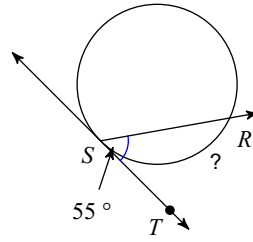
- A)  $264^\circ$       B)  $278^\circ$   
 C)  $169^\circ$       D)  $154^\circ$

39)



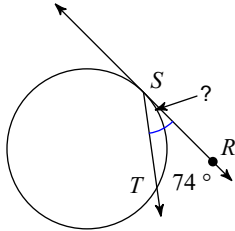
- A)  $83^\circ$       B)  $66^\circ$   
 C)  $64^\circ$       D)  $50^\circ$

40)



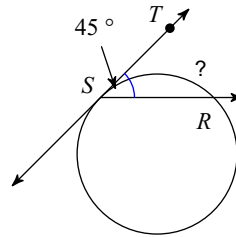
- A)  $100^\circ$       B)  $110^\circ$   
 C)  $160^\circ$       D)  $95^\circ$

41)



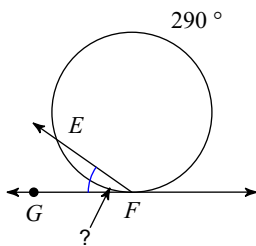
- A)  $49^\circ$       B)  $38^\circ$   
 C)  $37^\circ$       D)  $39^\circ$

42)



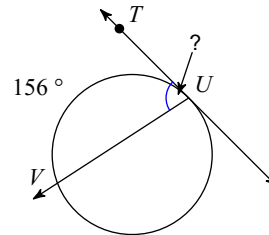
- A)  $125^\circ$       B)  $90^\circ$   
 C)  $79^\circ$       D)  $55^\circ$

43)



- A)  $35^\circ$       B)  $46^\circ$   
 C)  $45^\circ$       D)  $40^\circ$

44)



- A)  $40^\circ$       B)  $55^\circ$   
 C)  $84^\circ$       D)  $78^\circ$