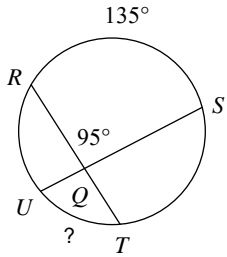


Assignment

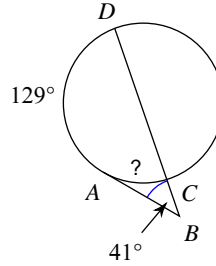
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



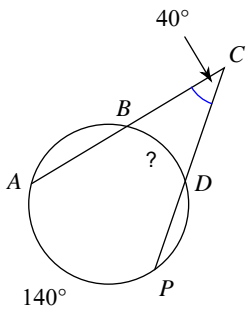
- A)  $65^\circ$
- B)  $51^\circ$
- C)  $70^\circ$
- D)  $55^\circ$

2)



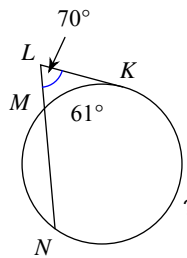
- A)  $47^\circ$
- B)  $58^\circ$
- C)  $49^\circ$
- D)  $35^\circ$

3)



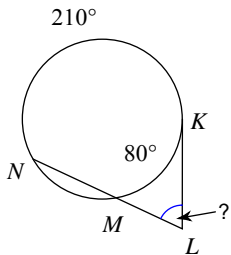
- A)  $40^\circ$
- B)  $60^\circ$
- C)  $75^\circ$
- D)  $65^\circ$

4)



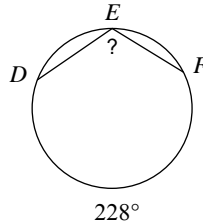
- A)  $252^\circ$
- B)  $222^\circ$
- C)  $201^\circ$
- D)  $253^\circ$

5)



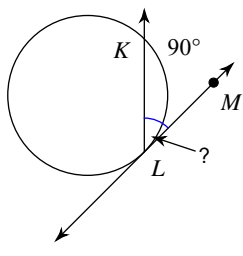
- A)  $80^\circ$
- B)  $43^\circ$
- C)  $85^\circ$
- D)  $65^\circ$

6)



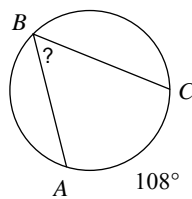
- A)  $94^\circ$
- B)  $142^\circ$
- C)  $114^\circ$
- D)  $128^\circ$

7)



- A)  $55^\circ$
- B)  $45^\circ$
- C)  $43^\circ$
- D)  $40^\circ$

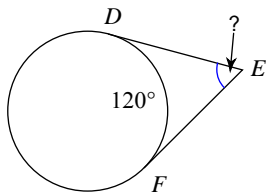
8)



- A)  $53^\circ$
- B)  $37^\circ$
- C)  $52^\circ$
- D)  $54^\circ$

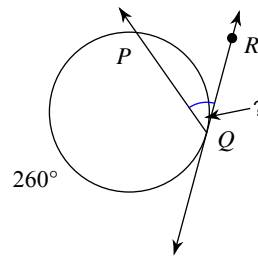


9)



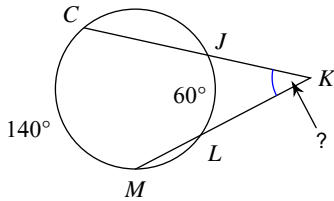
- A)  $32^\circ$       B)  $60^\circ$   
 C)  $45^\circ$       D)  $72^\circ$

10)



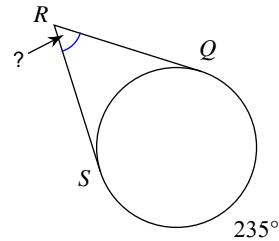
- A)  $47^\circ$       B)  $70^\circ$   
 C)  $50^\circ$       D)  $69^\circ$

11)



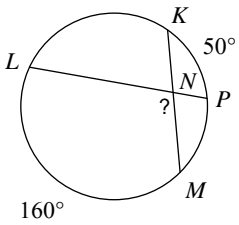
- A)  $40^\circ$       B)  $50^\circ$   
 C)  $60^\circ$       D)  $39^\circ$

12)



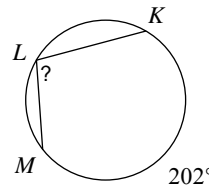
- A)  $55^\circ$       B)  $60^\circ$   
 C)  $59^\circ$       D)  $33^\circ$

13)



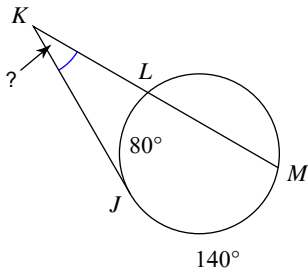
- A)  $125^\circ$       B)  $105^\circ$   
 C)  $140^\circ$       D)  $115^\circ$

14)



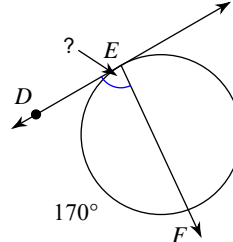
- A)  $101^\circ$       B)  $138^\circ$   
 C)  $95^\circ$       D)  $113^\circ$

15)



- A)  $40^\circ$       B)  $30^\circ$   
 C)  $45^\circ$       D)  $35^\circ$

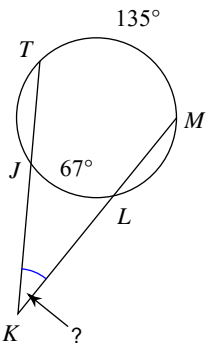
16)



- A)  $85^\circ$       B)  $80^\circ$   
 C)  $45^\circ$       D)  $55^\circ$

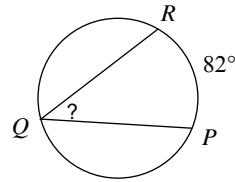


17)



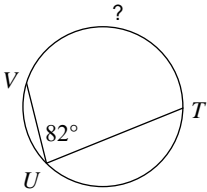
- A)  $50^\circ$       B)  $35^\circ$   
 C)  $34^\circ$       D)  $32^\circ$

18)



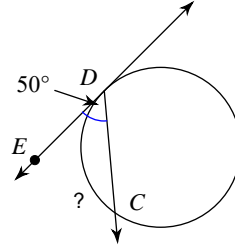
- A)  $41^\circ$       B)  $52^\circ$   
 C)  $36^\circ$       D)  $56^\circ$

19)



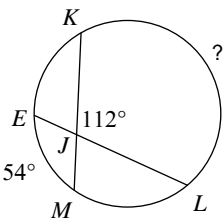
- A)  $90^\circ$       B)  $131^\circ$   
 C)  $164^\circ$       D)  $157^\circ$

20)



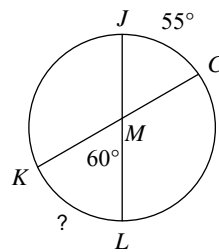
- A)  $115^\circ$       B)  $100^\circ$   
 C)  $110^\circ$       D)  $95^\circ$

21)



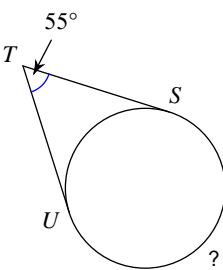
- A)  $160^\circ$       B)  $170^\circ$   
 C)  $140^\circ$       D)  $126^\circ$

22)



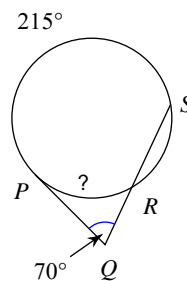
- A)  $60^\circ$       B)  $75^\circ$   
 C)  $85^\circ$       D)  $65^\circ$

23)



- A)  $210^\circ$       B)  $235^\circ$   
 C)  $188^\circ$       D)  $215^\circ$

24)



- A)  $75^\circ$       B)  $70^\circ$   
 C)  $50^\circ$       D)  $55^\circ$



## Answers to Assignment (ID: 1)

1) D  
5) D  
9) B  
13) B  
17) C  
21) B

2) A  
6) C  
10) C  
14) A  
18) A  
22) D

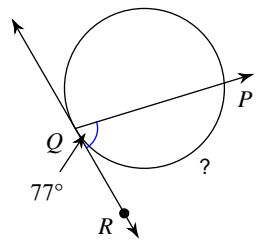
3) B  
7) B  
11) A  
15) B  
19) C  
23) B

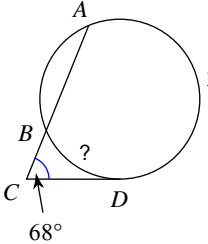
4) C  
8) D  
12) A  
16) A  
20) B  
24) A

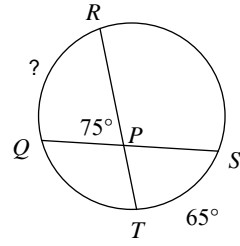


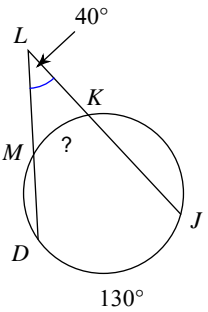
Assignment

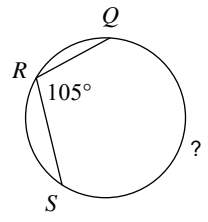
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

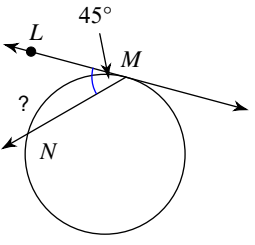
1)    
 A)  $95^\circ$       B)  $174^\circ$   
 C)  $154^\circ$       D)  $162^\circ$

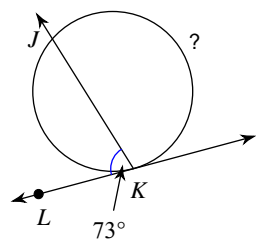
2)    
 A)  $85^\circ$       B)  $35^\circ$   
 C)  $67^\circ$       D)  $76^\circ$

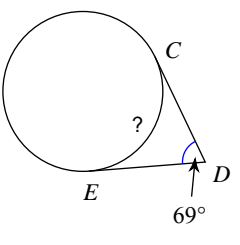
3)    
 A)  $60^\circ$       B)  $85^\circ$   
 C)  $80^\circ$       D)  $65^\circ$

4)    
 A)  $50^\circ$       B)  $70^\circ$   
 C)  $40^\circ$       D)  $35^\circ$

5)    
 A)  $235^\circ$       B)  $245^\circ$   
 C)  $210^\circ$       D)  $205^\circ$

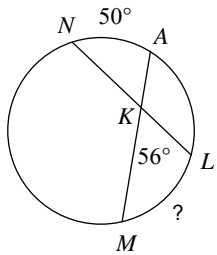
6)    
 A)  $90^\circ$       B)  $120^\circ$   
 C)  $110^\circ$       D)  $65^\circ$

7)    
 A)  $261^\circ$       B)  $240^\circ$   
 C)  $214^\circ$       D)  $262^\circ$

8)    
 A)  $111^\circ$       B)  $120^\circ$   
 C)  $148^\circ$       D)  $128^\circ$

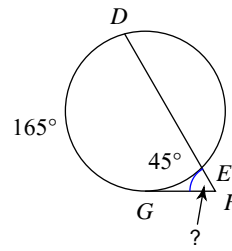


9)



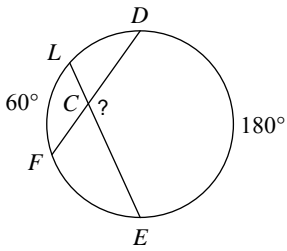
- A)  $62^\circ$       B)  $81^\circ$   
 C)  $74^\circ$       D)  $53^\circ$

10)



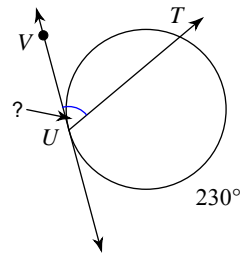
- A)  $45^\circ$       B)  $75^\circ$   
 C)  $55^\circ$       D)  $60^\circ$

11)



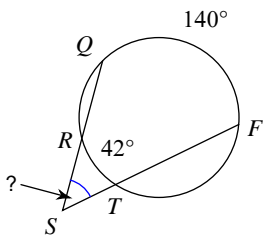
- A)  $170^\circ$       B)  $135^\circ$   
 C)  $125^\circ$       D)  $120^\circ$

12)



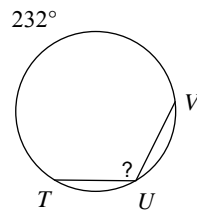
- A)  $60^\circ$       B)  $70^\circ$   
 C)  $65^\circ$       D)  $90^\circ$

13)



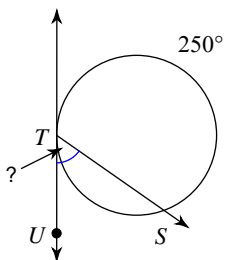
- A)  $51^\circ$       B)  $49^\circ$   
 C)  $68^\circ$       D)  $64^\circ$

14)



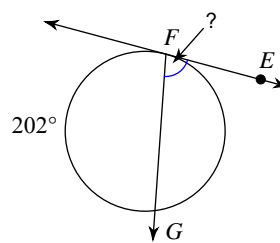
- A)  $116^\circ$       B)  $137^\circ$   
 C)  $125^\circ$       D)  $154^\circ$

15)



- A)  $79^\circ$       B)  $61^\circ$   
 C)  $60^\circ$       D)  $55^\circ$

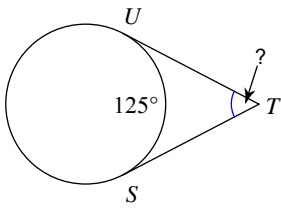
16)



- A)  $90^\circ$       B)  $49^\circ$   
 C)  $84^\circ$       D)  $79^\circ$

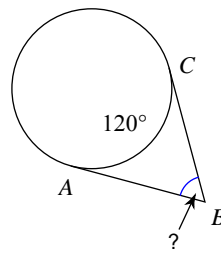


17)



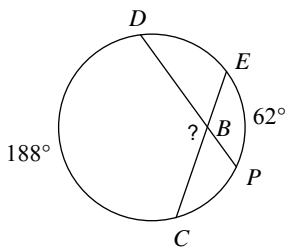
- A)  $69^\circ$       B)  $45^\circ$   
 C)  $60^\circ$       D)  $55^\circ$

18)



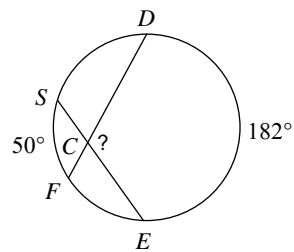
- A)  $72^\circ$       B)  $55^\circ$   
 C)  $60^\circ$       D)  $50^\circ$

19)



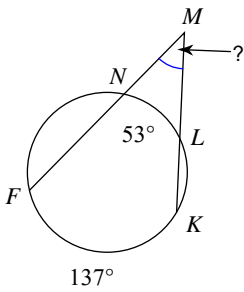
- A)  $170^\circ$       B)  $146^\circ$   
 C)  $139^\circ$       D)  $125^\circ$

20)



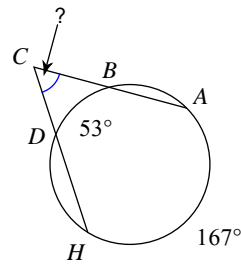
- A)  $112^\circ$       B)  $136^\circ$   
 C)  $116^\circ$       D)  $164^\circ$

21)



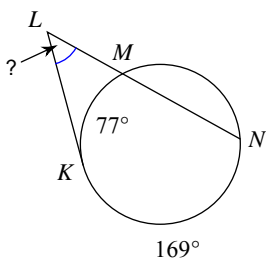
- A)  $31^\circ$       B)  $42^\circ$   
 C)  $56^\circ$       D)  $44^\circ$

22)



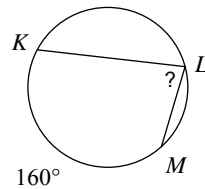
- A)  $41^\circ$       B)  $57^\circ$   
 C)  $36^\circ$       D)  $38^\circ$

23)



- A)  $44^\circ$       B)  $46^\circ$   
 C)  $59^\circ$       D)  $35^\circ$

24)



- A)  $41^\circ$       B)  $80^\circ$   
 C)  $57^\circ$       D)  $40^\circ$



## Answers to Assignment (ID: 2)

- 1) C
- 5) C
- 9) A
- 13) B
- 17) D
- 21) B

- 2) C
- 6) A
- 10) D
- 14) A
- 18) C
- 22) B

- 3) B
- 7) C
- 11) D
- 15) D
- 19) D
- 23) B

- 4) A
- 8) A
- 12) C
- 16) D
- 20) C
- 24) B

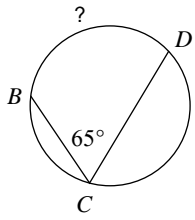




Assignment

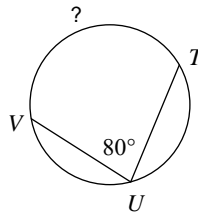
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



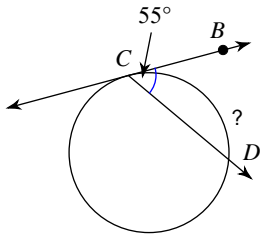
- A)  $118^\circ$
- B)  $120^\circ$
- C)  $130^\circ$
- D)  $109^\circ$

2)



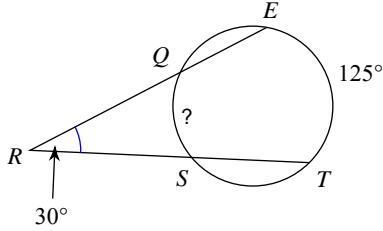
- A)  $160^\circ$
- B)  $155^\circ$
- C)  $130^\circ$
- D)  $90^\circ$

3)



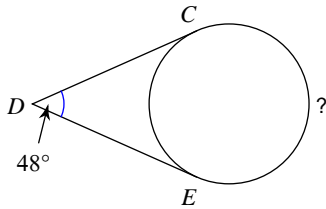
- A)  $160^\circ$
- B)  $140^\circ$
- C)  $105^\circ$
- D)  $110^\circ$

4)



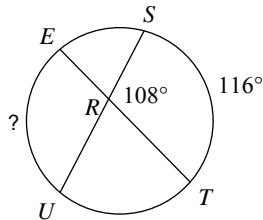
- A)  $85^\circ$
- B)  $55^\circ$
- C)  $65^\circ$
- D)  $90^\circ$

5)



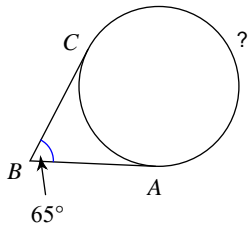
- A)  $265^\circ$
- B)  $228^\circ$
- C)  $188^\circ$
- D)  $184^\circ$

6)



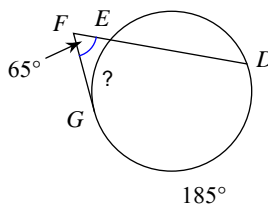
- A)  $110^\circ$
- B)  $100^\circ$
- C)  $140^\circ$
- D)  $145^\circ$

7)



- A)  $235^\circ$
- B)  $211^\circ$
- C)  $245^\circ$
- D)  $250^\circ$

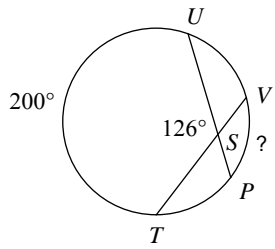
8)



- A)  $55^\circ$
- B)  $62^\circ$
- C)  $43^\circ$
- D)  $75^\circ$

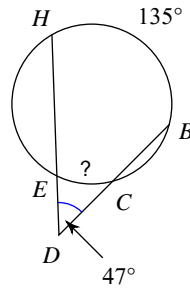


9)



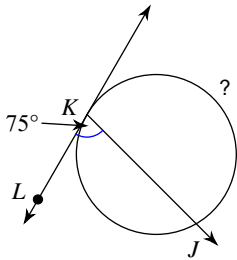
- A)  $45^\circ$       B)  $52^\circ$   
 C)  $37^\circ$       D)  $72^\circ$

10)



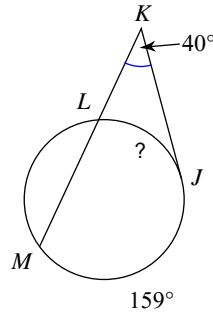
- A)  $41^\circ$       B)  $56^\circ$   
 C)  $55^\circ$       D)  $52^\circ$

11)



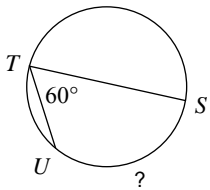
- A)  $230^\circ$       B)  $267^\circ$   
 C)  $210^\circ$       D)  $270^\circ$

12)



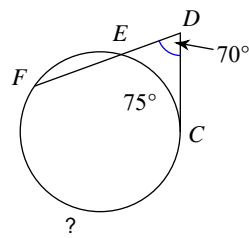
- A)  $75^\circ$       B)  $77^\circ$   
 C)  $79^\circ$       D)  $63^\circ$

13)



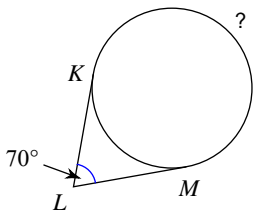
- A)  $120^\circ$       B)  $105^\circ$   
 C)  $123^\circ$       D)  $154^\circ$

14)



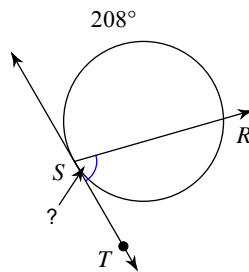
- A)  $190^\circ$       B)  $259^\circ$   
 C)  $215^\circ$       D)  $205^\circ$

15)



- A)  $223^\circ$       B)  $215^\circ$   
 C)  $250^\circ$       D)  $220^\circ$

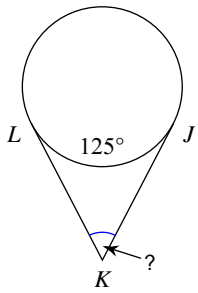
16)



- A)  $39^\circ$       B)  $66^\circ$   
 C)  $76^\circ$       D)  $78^\circ$

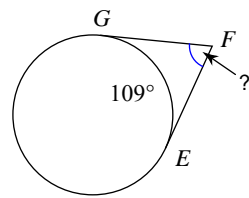


17)



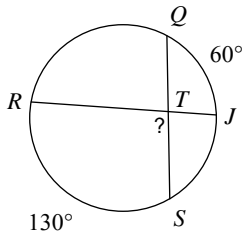
- A)  $70^\circ$       B)  $55^\circ$   
 C)  $52^\circ$       D)  $45^\circ$

18)



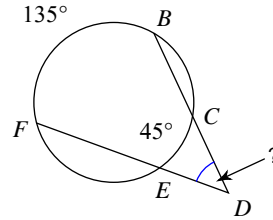
- A)  $71^\circ$       B)  $47^\circ$   
 C)  $51^\circ$       D)  $70^\circ$

19)



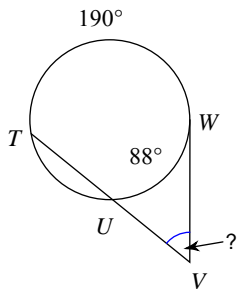
- A)  $136^\circ$       B)  $99^\circ$   
 C)  $135^\circ$       D)  $95^\circ$

20)



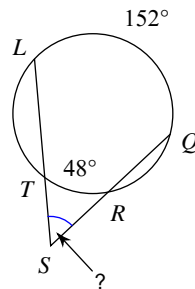
- A)  $35^\circ$       B)  $45^\circ$   
 C)  $50^\circ$       D)  $55^\circ$

21)



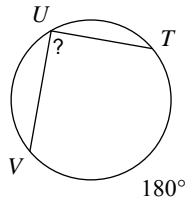
- A)  $33^\circ$       B)  $64^\circ$   
 C)  $51^\circ$       D)  $69^\circ$

22)



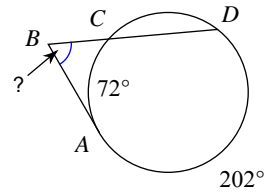
- A)  $56^\circ$       B)  $60^\circ$   
 C)  $63^\circ$       D)  $52^\circ$

23)



- A)  $85^\circ$       B)  $133^\circ$   
 C)  $47^\circ$       D)  $90^\circ$

24)



- A)  $65^\circ$       B)  $45^\circ$   
 C)  $61^\circ$       D)  $90^\circ$



## Answers to Assignment (ID: 3)

1) C  
5) B  
9) B  
13) A  
17) B  
21) C

2) A  
6) B  
10) A  
14) C  
18) A  
22) D

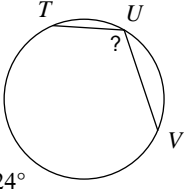
3) D  
7) C  
11) C  
15) C  
19) D  
23) D

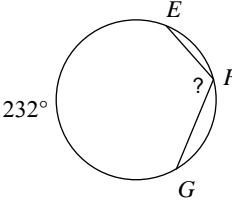
4) C  
8) A  
12) C  
16) C  
20) B  
24) A

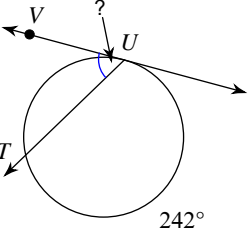


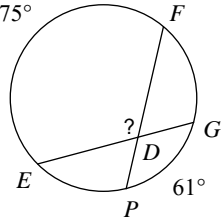
Assignment

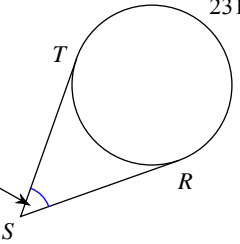
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

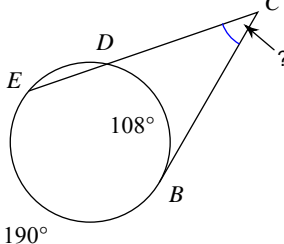
1)    
 A)  $133^\circ$       B)  $106^\circ$   
 C)  $168^\circ$       D)  $112^\circ$

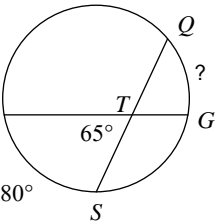
2)    
 A)  $111^\circ$       B)  $127^\circ$   
 C)  $118^\circ$       D)  $116^\circ$

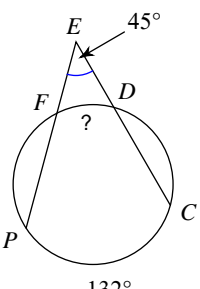
3)    
 A)  $72^\circ$       B)  $84^\circ$   
 C)  $59^\circ$       D)  $56^\circ$

4)    
 A)  $166^\circ$       B)  $175^\circ$   
 C)  $147^\circ$       D)  $118^\circ$

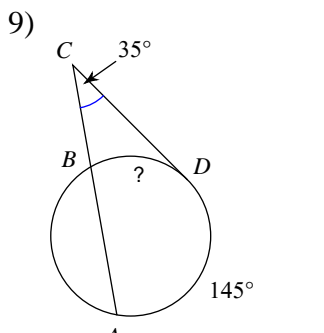
5)    
 A)  $58^\circ$       B)  $68^\circ$   
 C)  $51^\circ$       D)  $39^\circ$

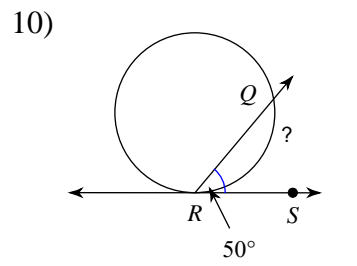
6)    
 A)  $37^\circ$       B)  $62^\circ$   
 C)  $42^\circ$       D)  $41^\circ$

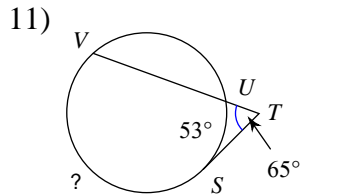
7)    
 A)  $64^\circ$       B)  $40^\circ$   
 C)  $55^\circ$       D)  $50^\circ$

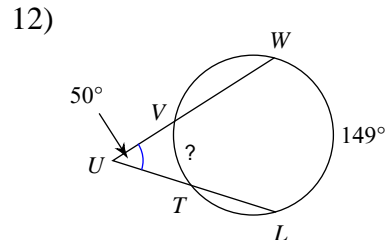
8)    
 A)  $43^\circ$       B)  $34^\circ$   
 C)  $42^\circ$       D)  $51^\circ$

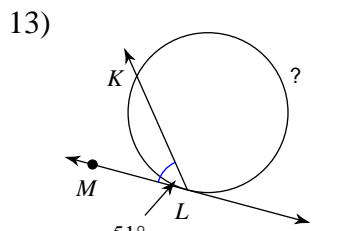


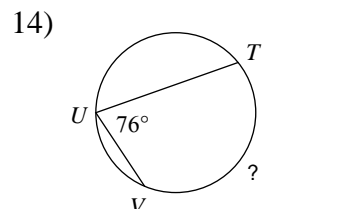
9) 
  
 A)  $75^\circ$       B)  $45^\circ$   
 C)  $59^\circ$       D)  $65^\circ$

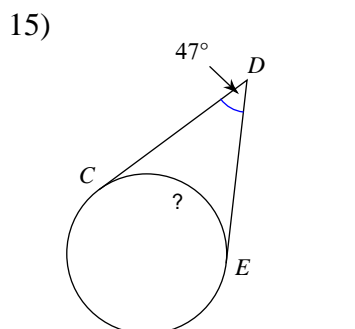
10) 
  
 A)  $100^\circ$       B)  $95^\circ$   
 C)  $115^\circ$       D)  $130^\circ$

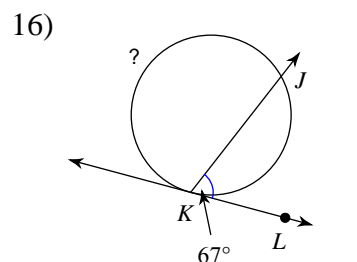
11) 
  
 A)  $223^\circ$       B)  $240^\circ$   
 C)  $198^\circ$       D)  $183^\circ$

12) 
  
 A)  $51^\circ$       B)  $37^\circ$   
 C)  $34^\circ$       D)  $49^\circ$

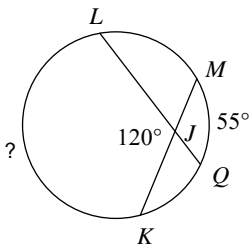
13) 
  
 A)  $258^\circ$       B)  $214^\circ$   
 C)  $183^\circ$       D)  $218^\circ$

14) 
  
 A)  $152^\circ$       B)  $98^\circ$   
 C)  $102^\circ$       D)  $171^\circ$

15) 
  
 A)  $146^\circ$       B)  $133^\circ$   
 C)  $168^\circ$       D)  $114^\circ$

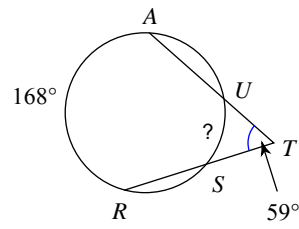
16) 
  
 A)  $262^\circ$       B)  $226^\circ$   
 C)  $180^\circ$       D)  $191^\circ$

17)



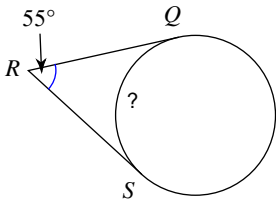
- A)  $185^\circ$       B)  $219^\circ$   
 C)  $199^\circ$       D)  $250^\circ$

18)



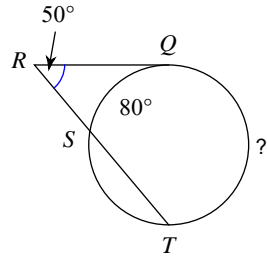
- A)  $39^\circ$       B)  $65^\circ$   
 C)  $42^\circ$       D)  $50^\circ$

19)



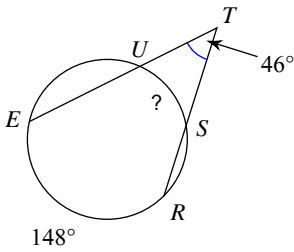
- A)  $125^\circ$       B)  $105^\circ$   
 C)  $130^\circ$       D)  $95^\circ$

20)



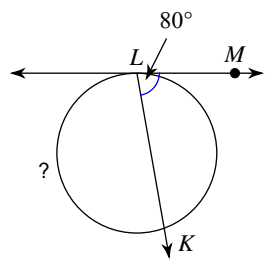
- A)  $140^\circ$       B)  $188^\circ$   
 C)  $255^\circ$       D)  $180^\circ$

21)



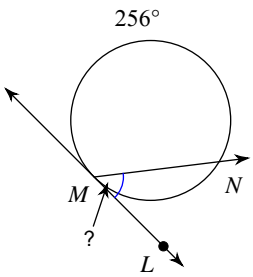
- A)  $76^\circ$       B)  $56^\circ$   
 C)  $50^\circ$       D)  $75^\circ$

22)



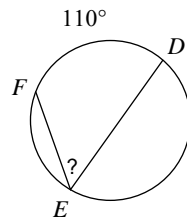
- A)  $200^\circ$       B)  $233^\circ$   
 C)  $190^\circ$       D)  $225^\circ$

23)



- A)  $68^\circ$       B)  $52^\circ$   
 C)  $74^\circ$       D)  $44^\circ$

24)



- A)  $33^\circ$       B)  $30^\circ$   
 C)  $55^\circ$       D)  $35^\circ$



## Answers to Assignment (ID: 4)

1) D  
5) C  
9) A  
13) A  
17) A  
21) B

2) D  
6) D  
10) A  
14) A  
18) D  
22) A

3) C  
7) D  
11) D  
15) B  
19) A  
23) B

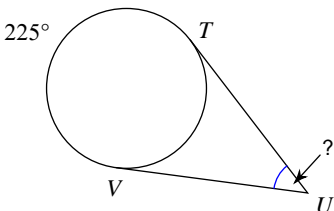
4) D  
8) C  
12) D  
16) B  
20) D  
24) C

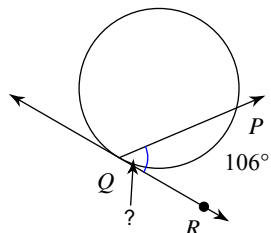


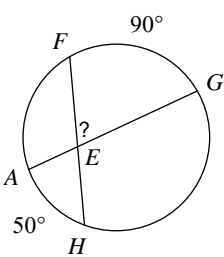


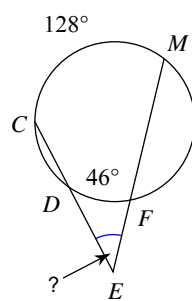
Assignment

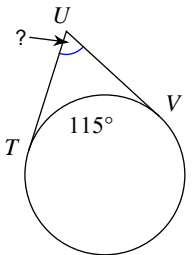
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

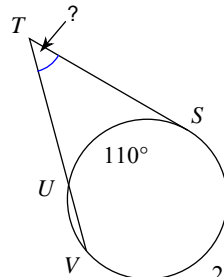
1)    
 A)  $45^\circ$       B)  $50^\circ$    
 C)  $43^\circ$       D)  $40^\circ$

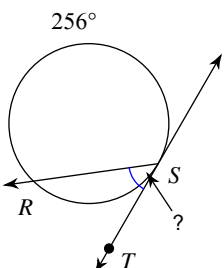
2)    
 A)  $80^\circ$       B)  $53^\circ$    
 C)  $79^\circ$       D)  $59^\circ$

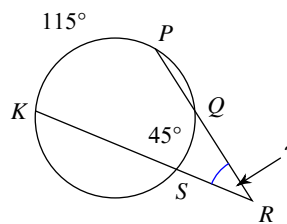
3)    
 A)  $72^\circ$       B)  $85^\circ$    
 C)  $70^\circ$       D)  $40^\circ$

4)    
 A)  $54^\circ$       B)  $35^\circ$    
 C)  $41^\circ$       D)  $61^\circ$

5)    
 A)  $80^\circ$       B)  $55^\circ$    
 C)  $70^\circ$       D)  $65^\circ$

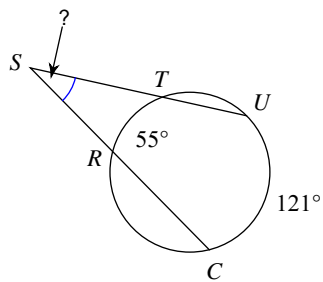
6)    
 A)  $45^\circ$       B)  $52^\circ$    
 C)  $66^\circ$       D)  $35^\circ$

7)    
 A)  $52^\circ$       B)  $72^\circ$    
 C)  $35^\circ$       D)  $36^\circ$

8)    
 A)  $48^\circ$       B)  $35^\circ$    
 C)  $53^\circ$       D)  $50^\circ$

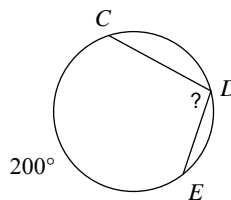


9)



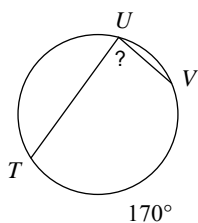
- A)  $44^\circ$       B)  $46^\circ$   
 C)  $33^\circ$       D)  $50^\circ$

10)



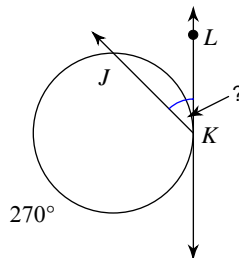
- A)  $120^\circ$       B)  $100^\circ$   
 C)  $140^\circ$       D)  $110^\circ$

11)



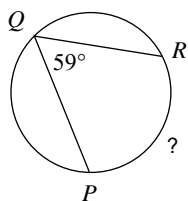
- A)  $60^\circ$       B)  $80^\circ$   
 C)  $85^\circ$       D)  $45^\circ$

12)



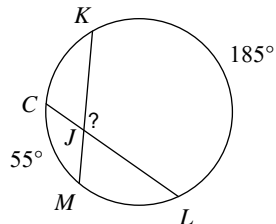
- A)  $40^\circ$       B)  $45^\circ$   
 C)  $30^\circ$       D)  $65^\circ$

13)



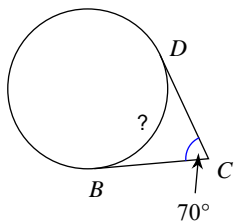
- A)  $95^\circ$       B)  $117^\circ$   
 C)  $115^\circ$       D)  $118^\circ$

14)



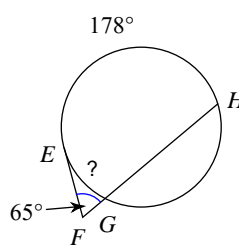
- A)  $125^\circ$       B)  $120^\circ$   
 C)  $150^\circ$       D)  $148^\circ$

15)



- A)  $160^\circ$       B)  $100^\circ$   
 C)  $110^\circ$       D)  $140^\circ$

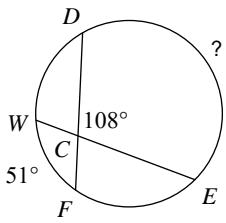
16)



- A)  $71^\circ$       B)  $68^\circ$   
 C)  $48^\circ$       D)  $62^\circ$

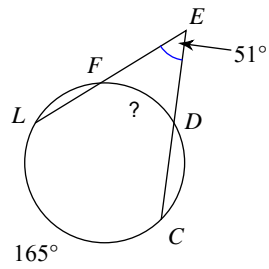


17)



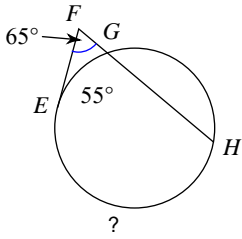
- A)  $100^\circ$       B)  $165^\circ$   
 C)  $115^\circ$       D)  $145^\circ$

18)



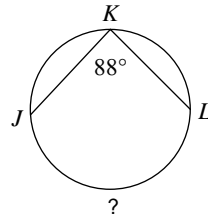
- A)  $54^\circ$       B)  $63^\circ$   
 C)  $41^\circ$       D)  $50^\circ$

19)



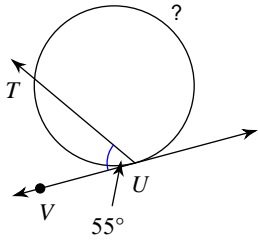
- A)  $180^\circ$       B)  $240^\circ$   
 C)  $235^\circ$       D)  $185^\circ$

20)



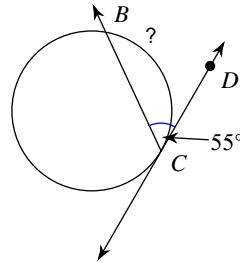
- A)  $102^\circ$       B)  $103^\circ$   
 C)  $133^\circ$       D)  $176^\circ$

21)



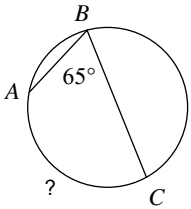
- A)  $195^\circ$       B)  $215^\circ$   
 C)  $180^\circ$       D)  $250^\circ$

22)



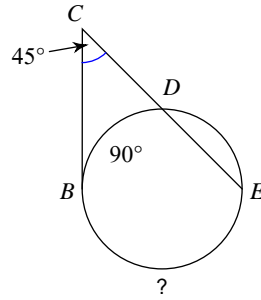
- A)  $159^\circ$       B)  $135^\circ$   
 C)  $92^\circ$       D)  $110^\circ$

23)



- A)  $94^\circ$       B)  $155^\circ$   
 C)  $95^\circ$       D)  $130^\circ$

24)



- A)  $200^\circ$       B)  $180^\circ$   
 C)  $105^\circ$       D)  $140^\circ$



## Answers to Assignment (ID: 5)

- 1) A
- 5) D
- 9) C
- 13) D
- 17) B
- 21) D

- 2) B
- 6) A
- 10) B
- 14) B
- 18) B
- 22) D

- 3) C
- 7) A
- 11) C
- 15) C
- 19) D
- 23) D

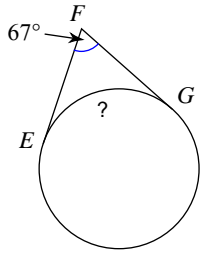
- 4) C
- 8) B
- 12) B
- 16) C
- 20) D
- 24) B



Assignment

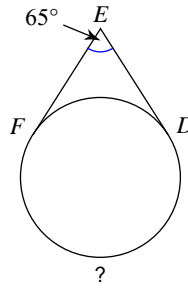
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



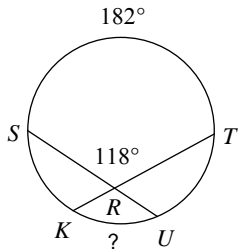
- A)  $113^\circ$
- B)  $129^\circ$
- C)  $168^\circ$
- D)  $105^\circ$

2)



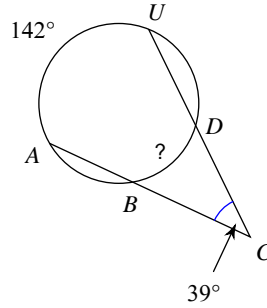
- A)  $205^\circ$
- B)  $245^\circ$
- C)  $196^\circ$
- D)  $250^\circ$

3)



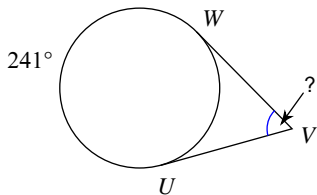
- A)  $54^\circ$
- B)  $62^\circ$
- C)  $67^\circ$
- D)  $47^\circ$

4)



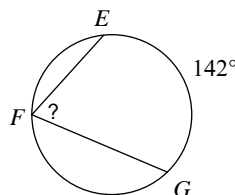
- A)  $38^\circ$
- B)  $57^\circ$
- C)  $53^\circ$
- D)  $64^\circ$

5)



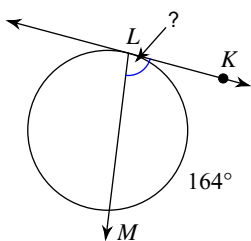
- A)  $79^\circ$
- B)  $33^\circ$
- C)  $45^\circ$
- D)  $61^\circ$

6)



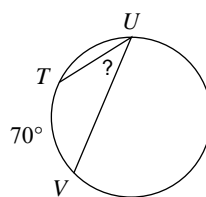
- A)  $71^\circ$
- B)  $41^\circ$
- C)  $42^\circ$
- D)  $69^\circ$

7)



- A)  $82^\circ$
- B)  $48^\circ$
- C)  $56^\circ$
- D)  $59^\circ$

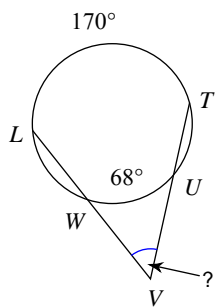
8)



- A)  $35^\circ$
- B)  $52^\circ$
- C)  $50^\circ$
- D)  $49^\circ$

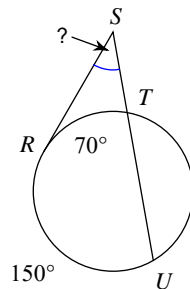


9)



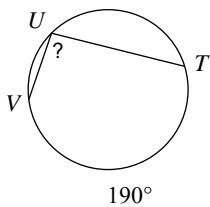
- A)  $39^\circ$       B)  $51^\circ$   
 C)  $66^\circ$       D)  $50^\circ$

10)



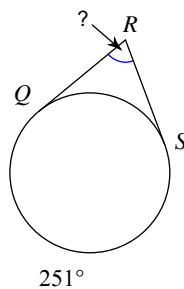
- A)  $35^\circ$       B)  $50^\circ$   
 C)  $45^\circ$       D)  $40^\circ$

11)



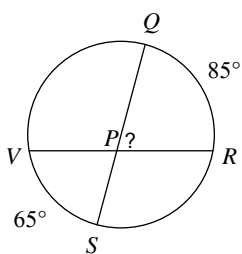
- A)  $105^\circ$       B)  $95^\circ$   
 C)  $90^\circ$       D)  $130^\circ$

12)



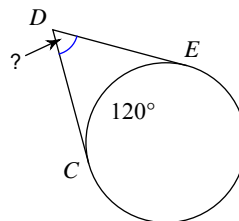
- A)  $51^\circ$       B)  $71^\circ$   
 C)  $84^\circ$       D)  $83^\circ$

13)



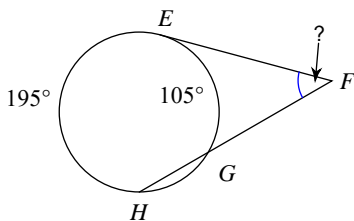
- A)  $70^\circ$       B)  $45^\circ$   
 C)  $75^\circ$       D)  $58^\circ$

14)



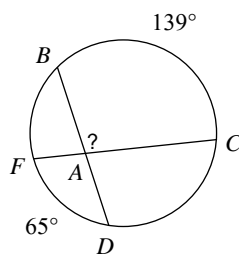
- A)  $55^\circ$       B)  $90^\circ$   
 C)  $78^\circ$       D)  $60^\circ$

15)



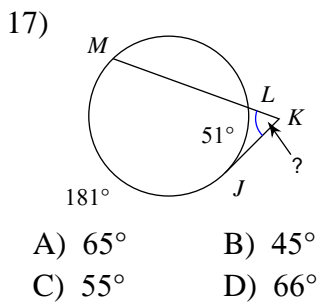
- A)  $66^\circ$       B)  $45^\circ$   
 C)  $64^\circ$       D)  $65^\circ$

16)

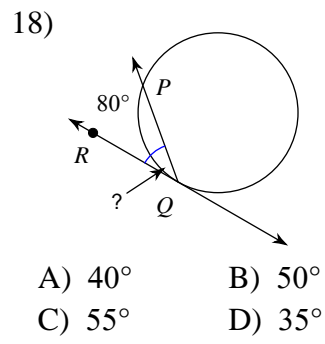


- A)  $124^\circ$       B)  $144^\circ$   
 C)  $119^\circ$       D)  $102^\circ$

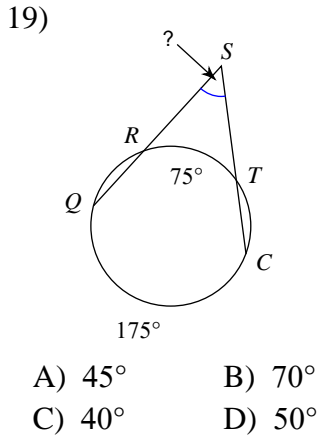


17) 

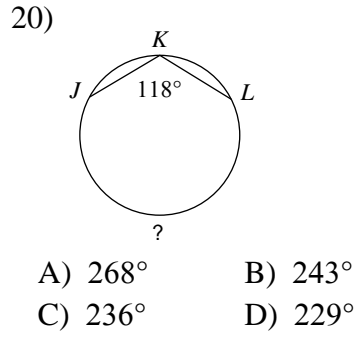
A)  $65^\circ$       B)  $45^\circ$   
 C)  $55^\circ$       D)  $66^\circ$

18) 

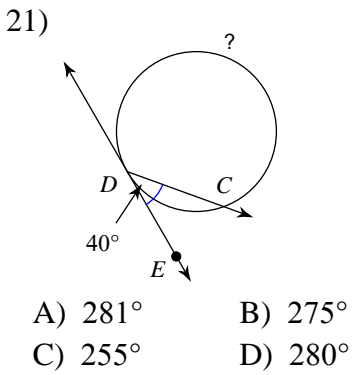
A)  $40^\circ$       B)  $50^\circ$   
 C)  $55^\circ$       D)  $35^\circ$

19) 

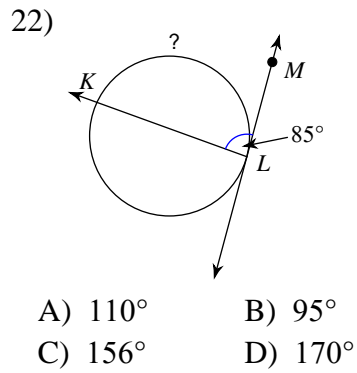
A)  $45^\circ$       B)  $70^\circ$   
 C)  $40^\circ$       D)  $50^\circ$

20) 

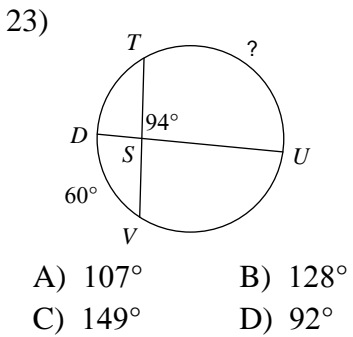
A)  $268^\circ$       B)  $243^\circ$   
 C)  $236^\circ$       D)  $229^\circ$

21) 

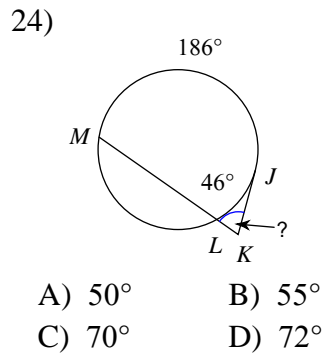
A)  $281^\circ$       B)  $275^\circ$   
 C)  $255^\circ$       D)  $280^\circ$

22) 

A)  $110^\circ$       B)  $95^\circ$   
 C)  $156^\circ$       D)  $170^\circ$

23) 

A)  $107^\circ$       B)  $128^\circ$   
 C)  $149^\circ$       D)  $92^\circ$

24) 

A)  $50^\circ$       B)  $55^\circ$   
 C)  $70^\circ$       D)  $72^\circ$



## Answers to Assignment (ID: 6)

- 1) A
- 5) D
- 9) B
- 13) C
- 17) A
- 21) D

- 2) B
- 6) A
- 10) D
- 14) D
- 18) A
- 22) D

- 3) A
- 7) A
- 11) B
- 15) B
- 19) D
- 23) B

- 4) D
- 8) A
- 12) B
- 16) D
- 20) C
- 24) C

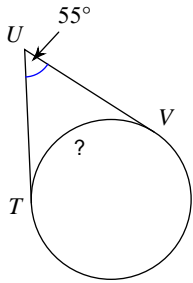




Assignment

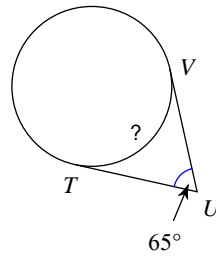
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



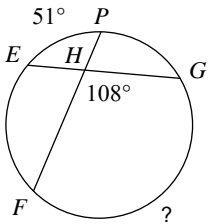
- A)  $120^\circ$
- B)  $125^\circ$
- C)  $100^\circ$
- D)  $150^\circ$

2)



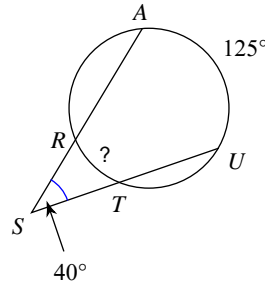
- A)  $125^\circ$
- B)  $175^\circ$
- C)  $165^\circ$
- D)  $115^\circ$

3)



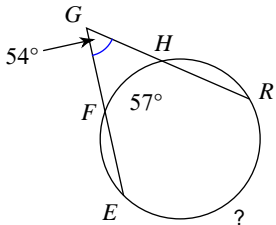
- A)  $165^\circ$
- B)  $135^\circ$
- C)  $155^\circ$
- D)  $170^\circ$

4)



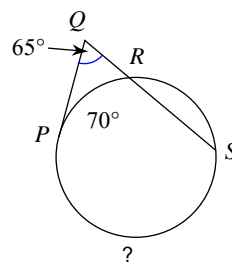
- A)  $45^\circ$
- B)  $50^\circ$
- C)  $65^\circ$
- D)  $66^\circ$

5)



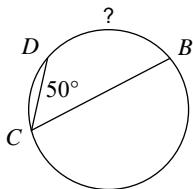
- A)  $120^\circ$
- B)  $165^\circ$
- C)  $149^\circ$
- D)  $110^\circ$

6)



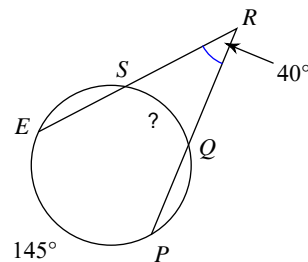
- A)  $198^\circ$
- B)  $245^\circ$
- C)  $180^\circ$
- D)  $200^\circ$

7)



- A)  $115^\circ$
- B)  $105^\circ$
- C)  $100^\circ$
- D)  $136^\circ$

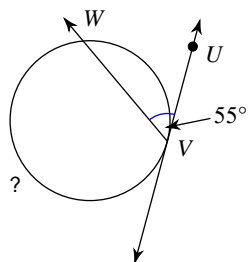
8)



- A)  $85^\circ$
- B)  $45^\circ$
- C)  $65^\circ$
- D)  $46^\circ$

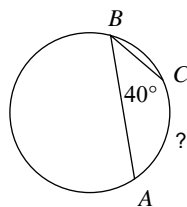


9)



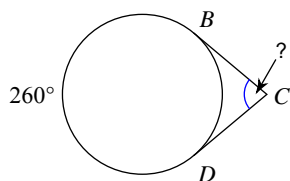
- A)  $195^\circ$       B)  $250^\circ$   
 C)  $240^\circ$       D)  $265^\circ$

10)



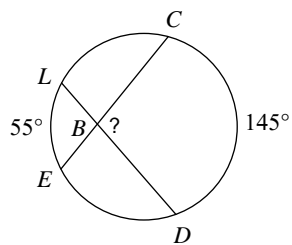
- A)  $81^\circ$       B)  $75^\circ$   
 C)  $50^\circ$       D)  $80^\circ$

11)



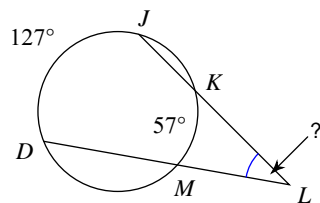
- A)  $65^\circ$       B)  $70^\circ$   
 C)  $50^\circ$       D)  $80^\circ$

12)



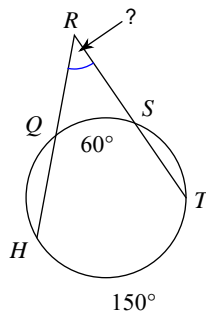
- A)  $100^\circ$       B)  $96^\circ$   
 C)  $95^\circ$       D)  $105^\circ$

13)



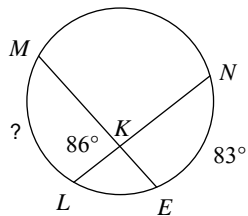
- A)  $40^\circ$       B)  $35^\circ$   
 C)  $53^\circ$       D)  $47^\circ$

14)



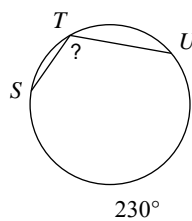
- A)  $35^\circ$       B)  $45^\circ$   
 C)  $50^\circ$       D)  $65^\circ$

15)



- A)  $89^\circ$       B)  $59^\circ$   
 C)  $82^\circ$       D)  $77^\circ$

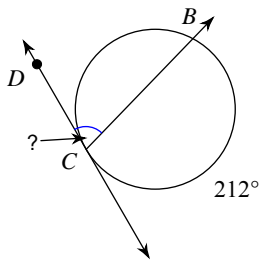
16)



- A)  $135^\circ$       B)  $115^\circ$   
 C)  $155^\circ$       D)  $130^\circ$

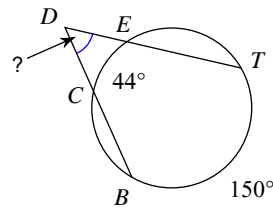


17)



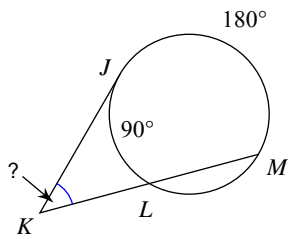
- A)  $74^\circ$       B)  $75^\circ$   
 C)  $49^\circ$       D)  $62^\circ$

18)



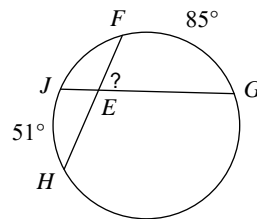
- A)  $51^\circ$       B)  $65^\circ$   
 C)  $53^\circ$       D)  $34^\circ$

19)



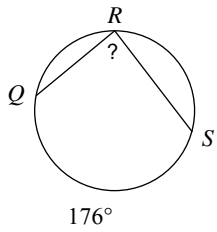
- A)  $45^\circ$       B)  $65^\circ$   
 C)  $55^\circ$       D)  $66^\circ$

20)



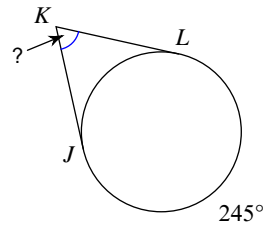
- A)  $79^\circ$       B)  $81^\circ$   
 C)  $68^\circ$       D)  $67^\circ$

21)



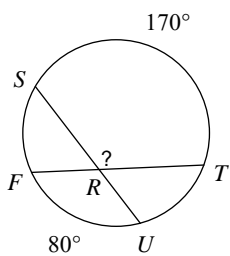
- A)  $76^\circ$       B)  $66^\circ$   
 C)  $81^\circ$       D)  $88^\circ$

22)



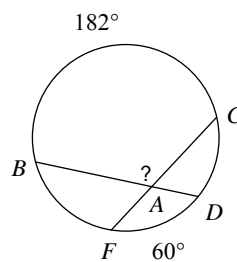
- A)  $80^\circ$       B)  $65^\circ$   
 C)  $40^\circ$       D)  $50^\circ$

23)



- A)  $130^\circ$       B)  $175^\circ$   
 C)  $150^\circ$       D)  $125^\circ$

24)



- A)  $147^\circ$       B)  $142^\circ$   
 C)  $176^\circ$       D)  $121^\circ$



## Answers to Assignment (ID: 7)

1) B  
5) B  
9) B  
13) B  
17) A  
21) D

2) D  
6) D  
10) D  
14) B  
18) C  
22) B

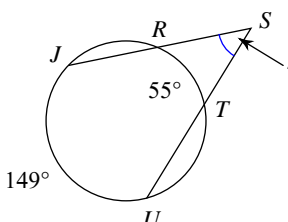
3) A  
7) C  
11) D  
15) A  
19) A  
23) D

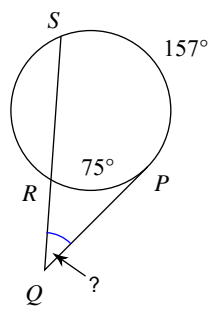
4) A  
8) C  
12) A  
16) B  
20) C  
24) D

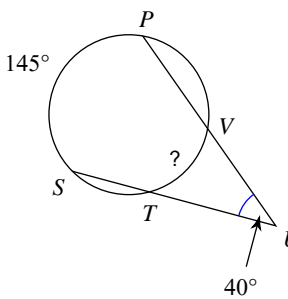


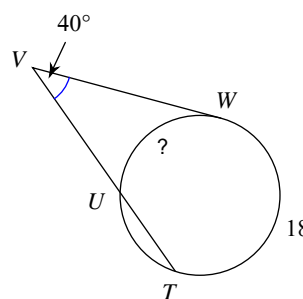
Assignment

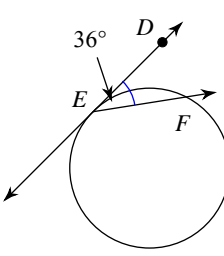
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

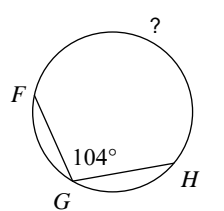
1) 
  
 A)  $47^\circ$       B)  $64^\circ$   
 C)  $48^\circ$       D)  $40^\circ$

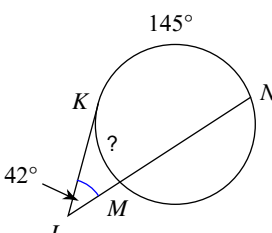
2) 
  
 A)  $43^\circ$       B)  $41^\circ$   
 C)  $48^\circ$       D)  $34^\circ$

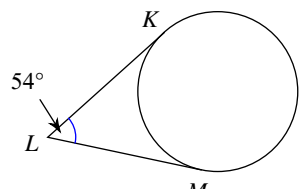
3) 
  
 A)  $70^\circ$       B)  $35^\circ$   
 C)  $65^\circ$       D)  $90^\circ$

4) 
  
 A)  $155^\circ$       B)  $101^\circ$   
 C)  $123^\circ$       D)  $103^\circ$

5) 
  
 A)  $288^\circ$       B)  $205^\circ$   
 C)  $235^\circ$       D)  $201^\circ$

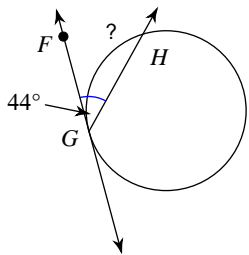
6) 
  
 A)  $265^\circ$       B)  $232^\circ$   
 C)  $258^\circ$       D)  $208^\circ$

7) 
  
 A)  $52^\circ$       B)  $64^\circ$   
 C)  $61^\circ$       D)  $33^\circ$

8) 
  
 A)  $234^\circ$       B)  $237^\circ$   
 C)  $213^\circ$       D)  $257^\circ$

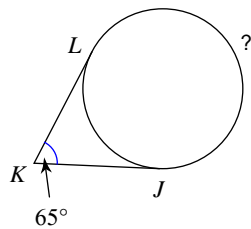


9)



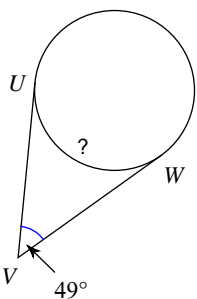
- A)  $56^\circ$       B)  $86^\circ$   
 C)  $88^\circ$       D)  $90^\circ$

10)



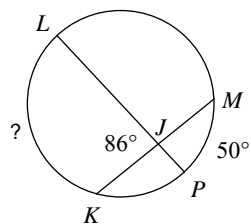
- A)  $185^\circ$       B)  $245^\circ$   
 C)  $195^\circ$       D)  $234^\circ$

11)



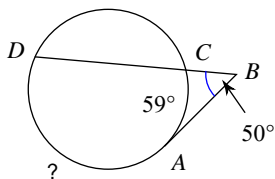
- A)  $150^\circ$       B)  $105^\circ$   
 C)  $131^\circ$       D)  $174^\circ$

12)



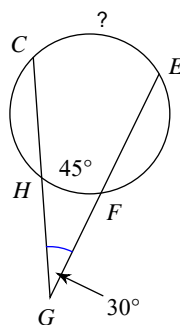
- A)  $133^\circ$       B)  $140^\circ$   
 C)  $122^\circ$       D)  $170^\circ$

13)



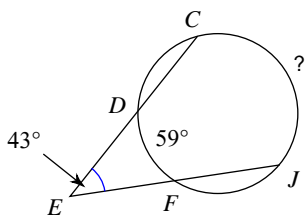
- A)  $159^\circ$       B)  $152^\circ$   
 C)  $118^\circ$       D)  $173^\circ$

14)



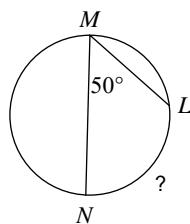
- A)  $105^\circ$       B)  $110^\circ$   
 C)  $145^\circ$       D)  $90^\circ$

15)



- A)  $100^\circ$       B)  $145^\circ$   
 C)  $150^\circ$       D)  $104^\circ$

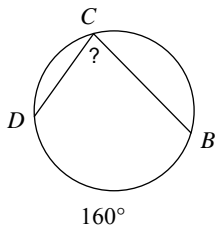
16)



- A)  $97^\circ$       B)  $138^\circ$   
 C)  $100^\circ$       D)  $148^\circ$

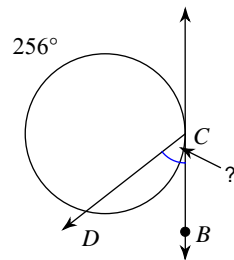


17)



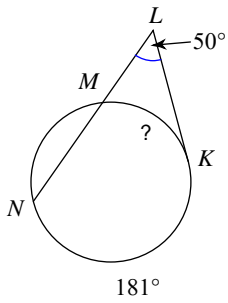
- A)  $70^\circ$       B)  $69^\circ$   
 C)  $80^\circ$       D)  $55^\circ$

18)



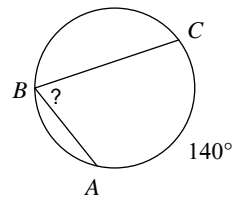
- A)  $32^\circ$       B)  $52^\circ$   
 C)  $63^\circ$       D)  $76^\circ$

19)



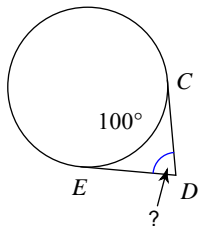
- A)  $88^\circ$       B)  $80^\circ$   
 C)  $44^\circ$       D)  $81^\circ$

20)



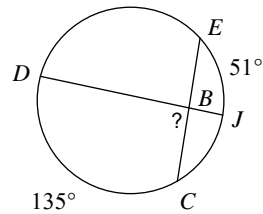
- A)  $60^\circ$       B)  $70^\circ$   
 C)  $40^\circ$       D)  $90^\circ$

21)



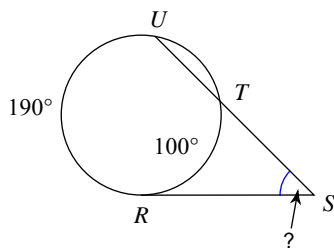
- A)  $75^\circ$       B)  $80^\circ$   
 C)  $85^\circ$       D)  $65^\circ$

22)



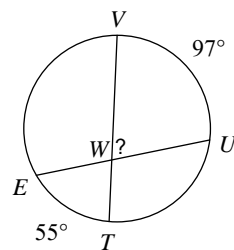
- A)  $111^\circ$       B)  $113^\circ$   
 C)  $110^\circ$       D)  $93^\circ$

23)



- A)  $64^\circ$       B)  $60^\circ$   
 C)  $45^\circ$       D)  $40^\circ$

24)



- A)  $40^\circ$       B)  $76^\circ$   
 C)  $50^\circ$       D)  $59^\circ$



## Answers to Assignment (ID: 8)

1) A  
5) A  
9) C  
13) A  
17) C  
21) B

2) B  
6) D  
10) B  
14) A  
18) B  
22) D

3) C  
7) C  
11) C  
15) B  
19) D  
23) C

4) D  
8) A  
12) C  
16) C  
20) B  
24) B



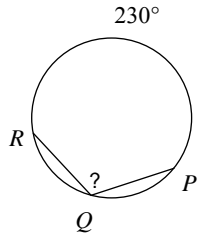


Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

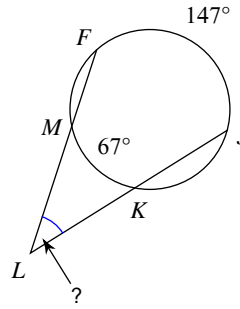
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



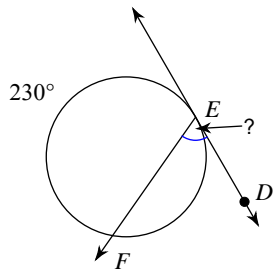
- A)  $110^\circ$
- B)  $100^\circ$
- C)  $115^\circ$
- D)  $134^\circ$

2)



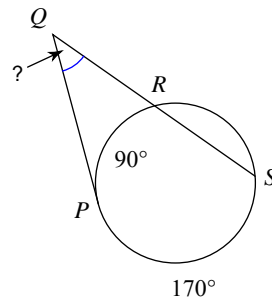
- A)  $44^\circ$
- B)  $42^\circ$
- C)  $40^\circ$
- D)  $60^\circ$

3)



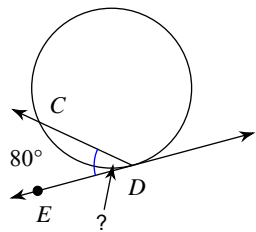
- A)  $59^\circ$
- B)  $60^\circ$
- C)  $40^\circ$
- D)  $65^\circ$

4)



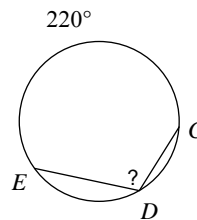
- A)  $60^\circ$
- B)  $37^\circ$
- C)  $40^\circ$
- D)  $55^\circ$

5)



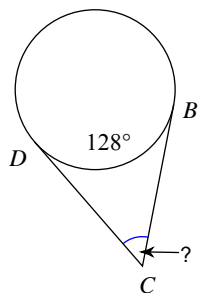
- A)  $55^\circ$
- B)  $54^\circ$
- C)  $58^\circ$
- D)  $40^\circ$

6)



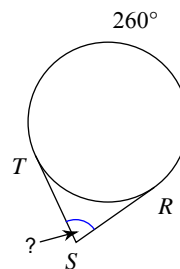
- A)  $120^\circ$
- B)  $110^\circ$
- C)  $150^\circ$
- D)  $125^\circ$

7)



- A)  $57^\circ$
- B)  $52^\circ$
- C)  $76^\circ$
- D)  $45^\circ$

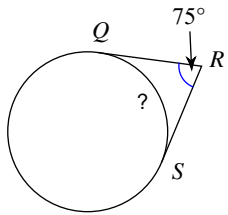
8)



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

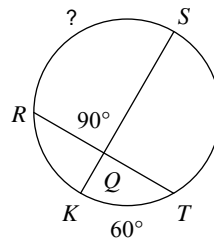


9)



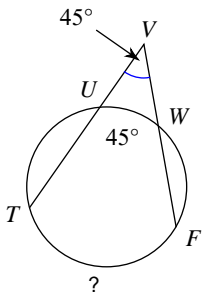
- A)  $115^\circ$       B)  $105^\circ$   
 C)  $152^\circ$       D)  $95^\circ$

10)



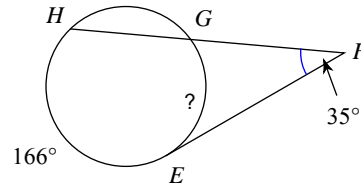
- A)  $175^\circ$       B)  $120^\circ$   
 C)  $115^\circ$       D)  $140^\circ$

11)



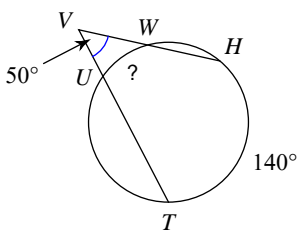
- A)  $150^\circ$       B)  $135^\circ$   
 C)  $175^\circ$       D)  $160^\circ$

12)



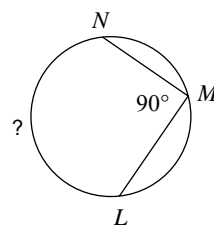
- A)  $142^\circ$       B)  $96^\circ$   
 C)  $115^\circ$       D)  $131^\circ$

13)



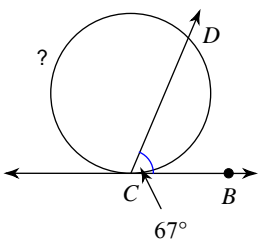
- A)  $50^\circ$       B)  $55^\circ$   
 C)  $45^\circ$       D)  $40^\circ$

14)



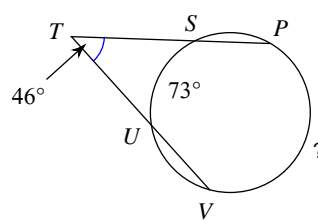
- A)  $180^\circ$       B)  $135^\circ$   
 C)  $165^\circ$       D)  $220^\circ$

15)



- A)  $229^\circ$       B)  $204^\circ$   
 C)  $226^\circ$       D)  $192^\circ$

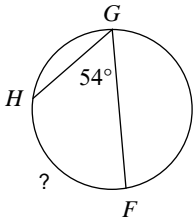
16)



- A)  $167^\circ$       B)  $165^\circ$   
 C)  $180^\circ$       D)  $117^\circ$

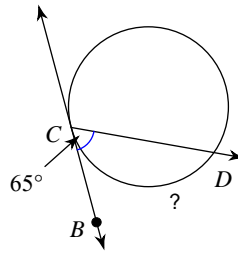


17)



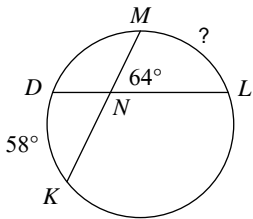
- A)  $108^\circ$       B)  $100^\circ$   
 C)  $155^\circ$       D)  $138^\circ$

18)



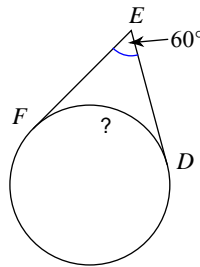
- A)  $95^\circ$       B)  $145^\circ$   
 C)  $130^\circ$       D)  $170^\circ$

19)



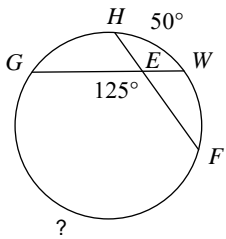
- A)  $50^\circ$       B)  $45^\circ$   
 C)  $74^\circ$       D)  $70^\circ$

20)



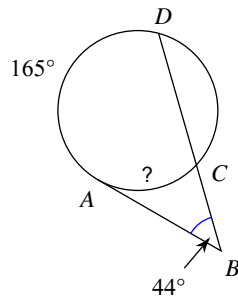
- A)  $94^\circ$       B)  $140^\circ$   
 C)  $120^\circ$       D)  $175^\circ$

21)



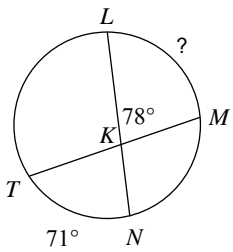
- A)  $265^\circ$       B)  $220^\circ$   
 C)  $200^\circ$       D)  $230^\circ$

22)



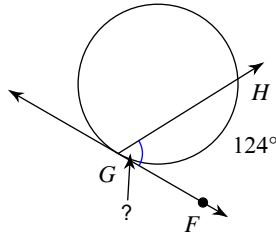
- A)  $81^\circ$       B)  $53^\circ$   
 C)  $77^\circ$       D)  $44^\circ$

23)



- A)  $50^\circ$       B)  $55^\circ$   
 C)  $85^\circ$       D)  $65^\circ$

24)



- A)  $62^\circ$       B)  $87^\circ$   
 C)  $45^\circ$       D)  $42^\circ$



## Answers to Assignment (ID: 9)

1) C  
5) D  
9) B  
13) D  
17) A  
21) C

2) C  
6) B  
10) B  
14) A  
18) C  
22) C

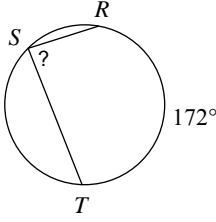
3) D  
7) B  
11) B  
15) C  
19) D  
23) C

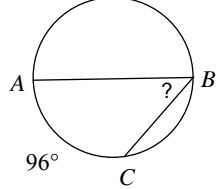
4) C  
8) A  
12) B  
16) B  
20) C  
24) A

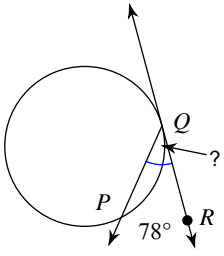


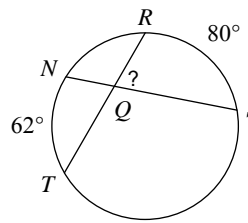
Assignment

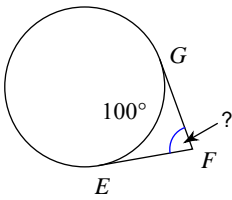
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

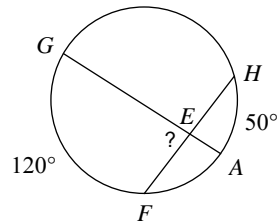
1)    
 A)  $43^\circ$       B)  $88^\circ$   
 C)  $86^\circ$       D)  $60^\circ$

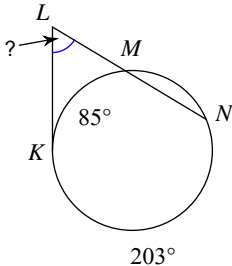
2)    
 A)  $69^\circ$       B)  $48^\circ$   
 C)  $53^\circ$       D)  $42^\circ$

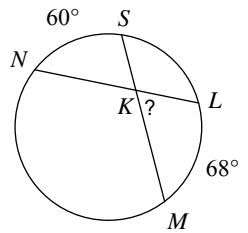
3)    
 A)  $39^\circ$       B)  $52^\circ$   
 C)  $46^\circ$       D)  $57^\circ$

4)    
 A)  $76^\circ$       B)  $71^\circ$   
 C)  $57^\circ$       D)  $64^\circ$

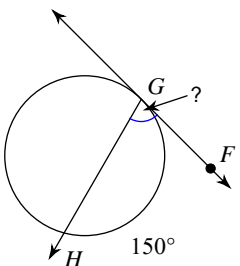
5)    
 A)  $80^\circ$       B)  $85^\circ$   
 C)  $87^\circ$       D)  $55^\circ$

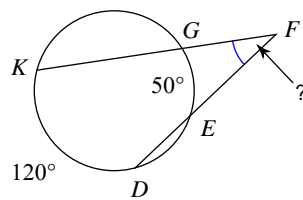
6)    
 A)  $85^\circ$       B)  $45^\circ$   
 C)  $50^\circ$       D)  $53^\circ$

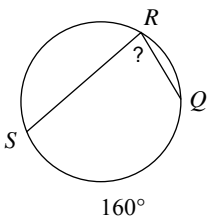
7)    
 A)  $36^\circ$       B)  $56^\circ$   
 C)  $59^\circ$       D)  $79^\circ$

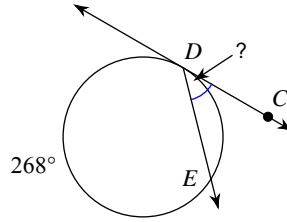
8)    
 A)  $80^\circ$       B)  $54^\circ$   
 C)  $43^\circ$       D)  $64^\circ$

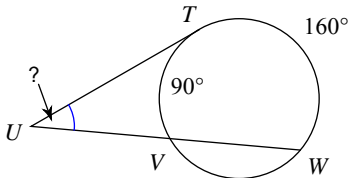


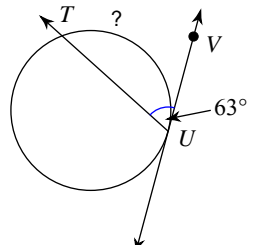
9) 
  
 A)  $60^\circ$       B)  $47^\circ$   
 C)  $75^\circ$       D)  $65^\circ$

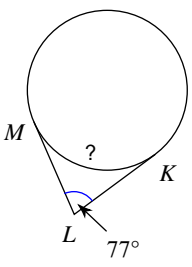
10) 
  
 A)  $50^\circ$       B)  $40^\circ$   
 C)  $45^\circ$       D)  $35^\circ$

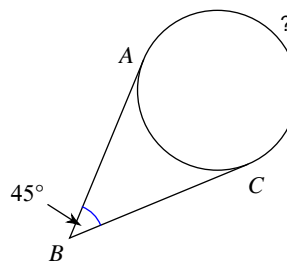
11) 
  
 A)  $88^\circ$       B)  $80^\circ$   
 C)  $72^\circ$       D)  $55^\circ$

12) 
  
 A)  $36^\circ$       B)  $46^\circ$   
 C)  $57^\circ$       D)  $62^\circ$

13) 
  
 A)  $45^\circ$       B)  $30^\circ$   
 C)  $50^\circ$       D)  $35^\circ$

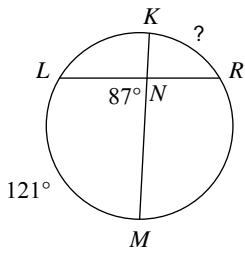
14) 
  
 A)  $126^\circ$       B)  $100^\circ$   
 C)  $156^\circ$       D)  $166^\circ$

15) 
  
 A)  $154^\circ$       B)  $146^\circ$   
 C)  $122^\circ$       D)  $103^\circ$

16) 
  
 A)  $210^\circ$       B)  $269^\circ$   
 C)  $225^\circ$       D)  $219^\circ$

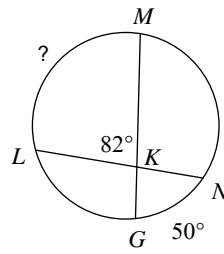


17)



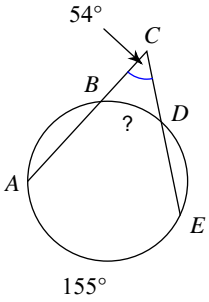
- A)  $80^\circ$       B)  $32^\circ$   
 C)  $53^\circ$       D)  $42^\circ$

18)



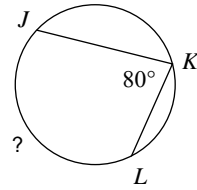
- A)  $96^\circ$       B)  $102^\circ$   
 C)  $126^\circ$       D)  $114^\circ$

19)



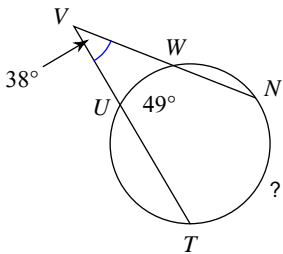
- A)  $47^\circ$       B)  $38^\circ$   
 C)  $32^\circ$       D)  $41^\circ$

20)



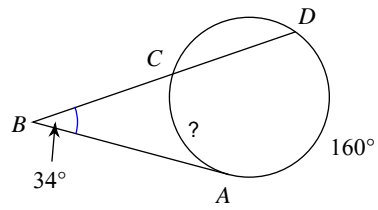
- A)  $160^\circ$       B)  $125^\circ$   
 C)  $180^\circ$       D)  $140^\circ$

21)



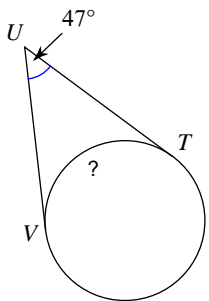
- A)  $125^\circ$       B)  $150^\circ$   
 C)  $145^\circ$       D)  $170^\circ$

22)



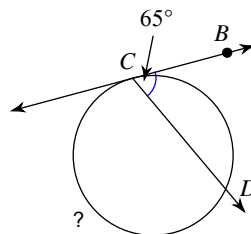
- A)  $115^\circ$       B)  $133^\circ$   
 C)  $93^\circ$       D)  $92^\circ$

23)



- A)  $160^\circ$       B)  $119^\circ$   
 C)  $133^\circ$       D)  $141^\circ$

24)



- A)  $255^\circ$       B)  $230^\circ$   
 C)  $257^\circ$       D)  $265^\circ$



## Answers to Assignment (ID: 10)

1) C  
5) A  
9) C  
13) D  
17) C  
21) A

2) B  
6) A  
10) D  
14) A  
18) D  
22) D

3) A  
7) C  
11) B  
15) D  
19) A  
23) C

4) B  
8) D  
12) B  
16) C  
20) A  
24) B

