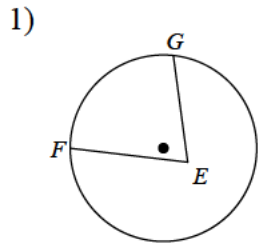
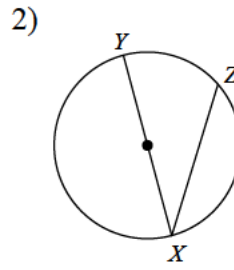


Assignment

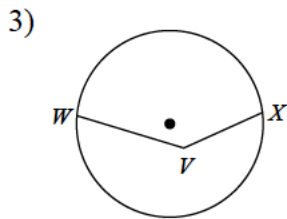
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.



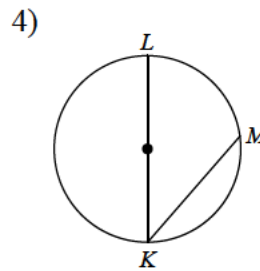
- A) No
- B) Yes;  $m\angle FEG, \widehat{FEG}$
- C) Yes;  $m\angle FEG, \widehat{EG}$
- D) Yes;  $m\angle FEG, \widehat{EF}$



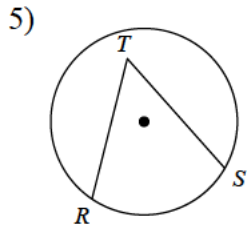
- A) Yes;  $m\angle YXZ, \widehat{XY}$
- B) No
- C) Yes;  $m\angle YXZ, \widehat{YZ}$
- D) Yes;  $m\angle YXZ, \widehat{XZ}$



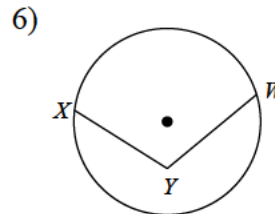
- A) Yes;  $m\angle WVX, \widehat{VX}$
- B) No
- C) Yes;  $m\angle WVX, \widehat{WVX}$
- D) Yes;  $m\angle WVX, \widehat{VW}$



- A) Yes;  $m\angle LKM, \widehat{LKM}$
- B) No
- C) Yes;  $m\angle LKM, \widehat{KM}$
- D) Yes;  $m\angle LKM, \widehat{LM}$



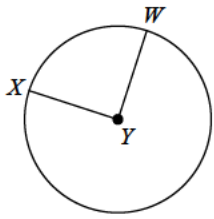
- A) No
- B) Yes;  $m\angle STR, \widehat{STR}$
- C) Yes;  $m\angle STR, \widehat{TS}$
- D) Yes;  $m\angle STR, \widehat{TR}$



- A) Yes;  $m\angle YXW, \widehat{YX}$
- B) Yes;  $m\angle XYW, \widehat{YX}$
- C) Yes;  $m\angle XYW, \widehat{YW}$
- D) No

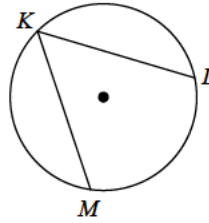


7)



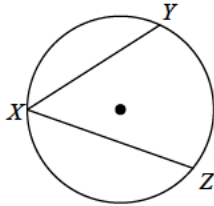
- A) Yes;  $m\angle XYW, \widehat{XYW}$   
 B) Yes;  $m\angle XYW, \widehat{YW}$   
 C) Yes;  $m\angle XYW, \widehat{YX}$   
 D) No

8)



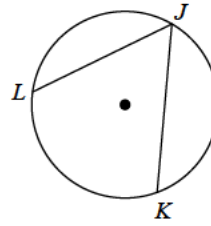
- A) No  
 B) Yes;  $m\angle LKM, \widehat{LM}$   
 C) Yes;  $m\angle LKM, \widehat{LKM}$   
 D) Yes;  $m\angle LKM, \widehat{KM}$

9)



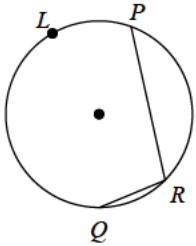
- A) Yes;  $m\angle YXZ, \widehat{XZ}$   
 B) Yes;  $m\angle YXZ, \widehat{YZ}$   
 C) Yes;  $m\angle YXZ, \widehat{YXZ}$   
 D) Yes;  $m\angle YXZ, \widehat{XY}$

10)



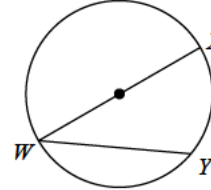
- A) No  
 B) Yes;  $m\angle KJL, \widehat{JK}$   
 C) Yes;  $m\angle KJL, \widehat{KL}$   
 D) Yes;  $m\angle KJL, \widehat{JL}$

11)



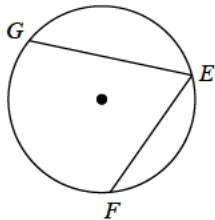
- A) Yes;  $m\angle QRP, \widehat{RQ}$   
 B) Yes;  $m\angle QRP, \widehat{QLP}$   
 C) Yes;  $m\angle QRP, \widehat{QRP}$   
 D) No

12)



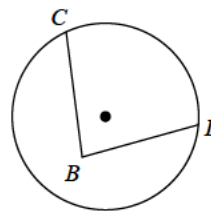
- A) Yes;  $m\angle XWY, \widehat{WY}$   
 B) Yes;  $m\angle XWY, \widehat{XY}$   
 C) Yes;  $m\angle XWY, \widehat{WX}$   
 D) No

13)



- A) Yes;  $m\angle FEG, \widehat{EG}$   
 B) Yes;  $m\angle FEG, \widehat{FG}$   
 C) Yes;  $m\angle FEG, \widehat{EF}$   
 D) No

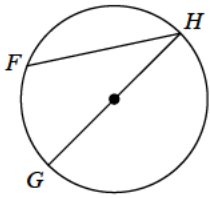
14)



- A) Yes;  $m\angle BCD, \widehat{BD}$   
 B) Yes;  $m\angle CBD, \widehat{CBD}$   
 C) No  
 D) Yes;  $m\angle BCD, \widehat{CBD}$

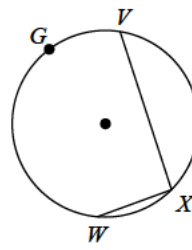


15)



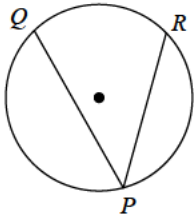
- A) Yes;  $m\angle GHF, \widehat{HF}$
- B) Yes;  $m\angle GHF, \widehat{GF}$
- C) No
- D) Yes;  $m\angle GHF, \widehat{HG}$

16)



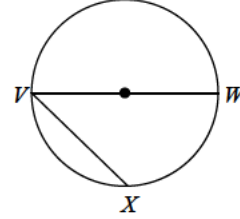
- A) Yes;  $m\angle XWV, \widehat{WV}$
- B) No
- C) Yes;  $m\angle WXV, \widehat{WGV}$
- D) Yes;  $m\angle XWV, \widehat{WXV}$

17)



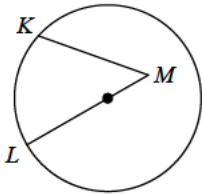
- A) No
- B) Yes;  $m\angle QPR, \widehat{QR}$
- C) Yes;  $m\angle QPR, \widehat{QPR}$
- D) Yes;  $m\angle QPR, \widehat{PR}$

18)



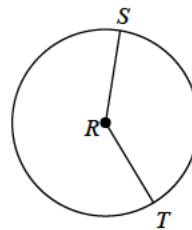
- A) Yes;  $m\angle WVX, \widehat{WX}$
- B) Yes;  $m\angle WVX, \widehat{VW}$
- C) No
- D) Yes;  $m\angle WVX, \widehat{VX}$

19)



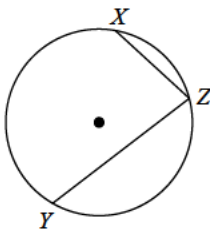
- A) No
- B) Yes;  $m\angle LMK, \widehat{MK}$
- C) Yes;  $m\angle LMK, \widehat{LK}$
- D) Yes;  $m\angle LMK, \widehat{LMK}$

20)



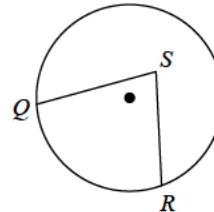
- A) Yes;  $m\angle SRT, \widehat{RS}$
- B) Yes;  $m\angle SRT, \widehat{ST}$
- C) No
- D) Yes;  $m\angle SRT, \widehat{RT}$

21)



- A) Yes;  $m\angle YZX, \widehat{ZY}$
- B) Yes;  $m\angle YZX, \widehat{YX}$
- C) Yes;  $m\angle YZX, \widehat{ZX}$
- D) No

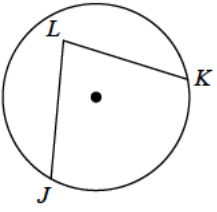
22)



- A) No
- B) Yes;  $m\angle SRQ, \widehat{SQ}$
- C) Yes;  $m\angle RSQ, \widehat{RSQ}$
- D) Yes;  $m\angle RSQ, \widehat{SQ}$

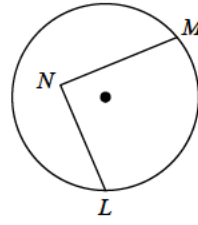


23)



- A) No
- B) Yes;  $m\angle KLJ, \widehat{LK}$
- C) Yes;  $m\angle KLJ, \widehat{KLJ}$
- D) Yes;  $m\angle LKJ, \widehat{KJ}$

24)



- A) Yes;  $m\angle MNL, \widehat{NL}$
- B) Yes;  $m\angle MNL, \widehat{NM}$
- C) No
- D) Yes;  $m\angle MNL, \widehat{MNL}$



## Answers to Assignment (ID: 1)

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

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

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

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

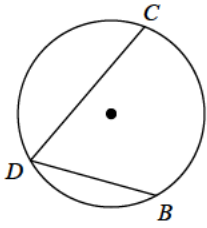


Assignment

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

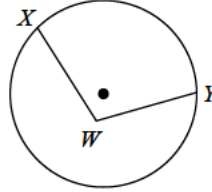
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



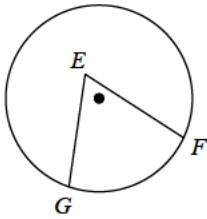
- A) No
- B) Yes;  $m\angle DCB$ ,  $\widehat{CDB}$
- C) Yes;  $m\angle CDB$ ,  $\widehat{DB}$
- D) Yes;  $m\angle CDB$ ,  $\widehat{CB}$

2)



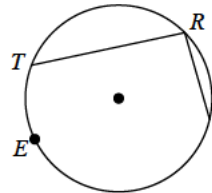
- A) Yes;  $m\angle WXY$ ,  $\widehat{WX}$
- B) No
- C) Yes;  $m\angle XWY$ ,  $\widehat{WX}$
- D) Yes;  $m\angle XWY$ ,  $\widehat{XWY}$

3)



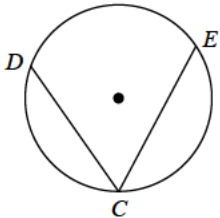
- A) Yes;  $m\angle FEG$ ,  $\widehat{FEG}$
- B) Yes;  $m\angle FEG$ ,  $\widehat{EF}$
- C) Yes;  $m\angle FEG$ ,  $\widehat{EG}$
- D) No

4)



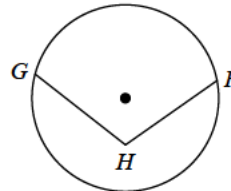
- A) Yes;  $m\angle SRT$ ,  $\widehat{SET}$
- B) Yes;  $m\angle RST$ ,  $\widehat{RT}$
- C) Yes;  $m\angle SRT$ ,  $\widehat{RT}$
- D) Yes;  $m\angle SRT$ ,  $\widehat{RS}$

5)



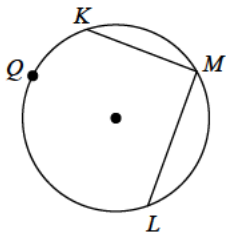
- A) Yes;  $m\angle DCE$ ,  $\widehat{CE}$
- B) Yes;  $m\angle DCE$ ,  $\widehat{CD}$
- C) No
- D) Yes;  $m\angle DCE$ ,  $\widehat{DE}$

6)



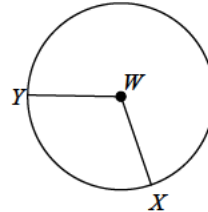
- A) Yes;  $m\angle GHF$ ,  $\widehat{HF}$
- B) Yes;  $m\angle GHF$ ,  $\widehat{GHF}$
- C) Yes;  $m\angle HGF$ ,  $\widehat{HF}$
- D) No

7)



- A) No
- B) Yes;  $m\angle LMK$ ,  $\widehat{LMK}$
- C) Yes;  $m\angle LMK$ ,  $\widehat{LQK}$
- D) Yes;  $m\angle MLK$ ,  $\widehat{LMK}$

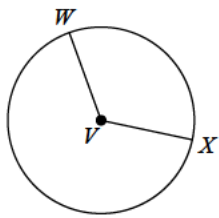
8)



- A) Yes;  $m\angle WXY$ ,  $\widehat{XWY}$
- B) Yes;  $m\angle XWY$ ,  $\widehat{WX}$
- C) Yes;  $m\angle XWY$ ,  $\widehat{XWY}$
- D) No

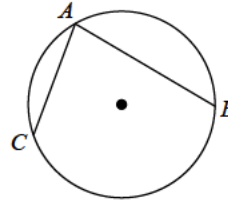


9)



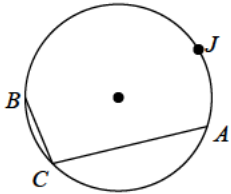
- A) Yes;  $m\angle WVX, \widehat{WVX}$
- B) Yes;  $m\angle WVX, \widehat{VX}$
- C) Yes;  $m\angle WVX, \widehat{VW}$
- D) No

10)



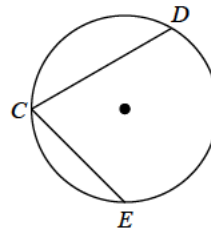
- A) No
- B) Yes;  $m\angle BAC, \widehat{AC}$
- C) Yes;  $m\angle BAC, \widehat{AB}$
- D) Yes;  $m\angle BAC, \widehat{BC}$

11)



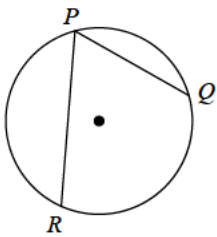
- A) No
- B) Yes;  $m\angle BCA, \widehat{CB}$
- C) Yes;  $m\angle BCA, \widehat{CA}$
- D) Yes;  $m\angle BCA, \widehat{BA}$

12)



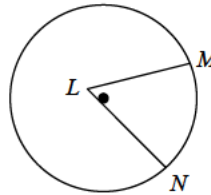
- A) Yes;  $m\angle DCE, \widehat{CD}$
- B) No
- C) Yes;  $m\angle DCE, \widehat{DE}$
- D) Yes;  $m\angle DCE, \widehat{CE}$

13)



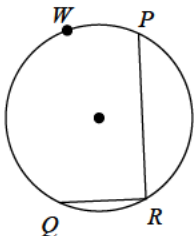
- A) No
- B) Yes;  $m\angle QPR, \widehat{QR}$
- C) Yes;  $m\angle QPR, \widehat{PQ}$
- D) Yes;  $m\angle QPR, \widehat{PR}$

14)



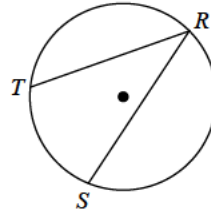
- A) No
- B) Yes;  $m\angle MLN, \widehat{LN}$
- C) Yes;  $m\angle MLN, \widehat{MLN}$
- D) Yes;  $m\angle LMN, \widehat{MLN}$

15)



- A) Yes;  $m\angle QRP, \widehat{QWP}$
- B) Yes;  $m\angle RQP, \widehat{QRP}$
- C) No
- D) Yes;  $m\angle QRP, \widehat{RQ}$

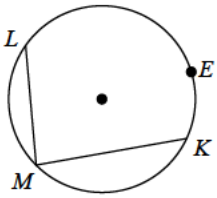
16)



- A) Yes;  $m\angle SRT, \widehat{RS}$
- B) No
- C) Yes;  $m\angle SRT, \widehat{RT}$
- D) Yes;  $m\angle SRT, \widehat{ST}$

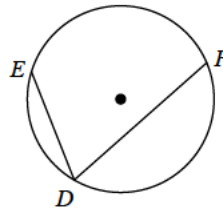


17)



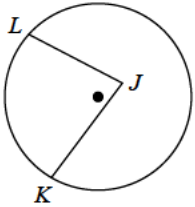
- A) No
- B) Yes;  $m\angle LMK, \widehat{LEK}$
- C) Yes;  $m\angle LMK, \widehat{LMK}$
- D) Yes;  $m\angle LMK, \widehat{ML}$

18)



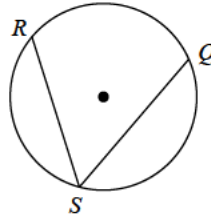
- A) Yes;  $m\angle DEF, \widehat{DF}$
- B) Yes;  $m\angle EDF, \widehat{EDF}$
- C) Yes;  $m\angle EDF, \widehat{EF}$
- D) Yes;  $m\angle EDF, \widehat{DE}$

19)



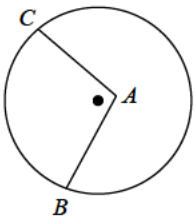
- A) Yes;  $m\angle JKL, \widehat{KL}$
- B) No
- C) Yes;  $m\angle KJL, \widehat{JL}$
- D) Yes;  $m\angle KJL, \widehat{KJL}$

20)



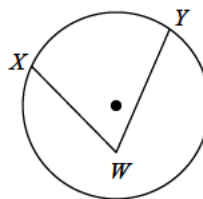
- A) Yes;  $m\angle RSQ, \widehat{SR}$
- B) Yes;  $m\angle RSQ, \widehat{RSQ}$
- C) Yes;  $m\angle RSQ, \widehat{SQ}$
- D) Yes;  $m\angle RSQ, \widehat{RQ}$

21)



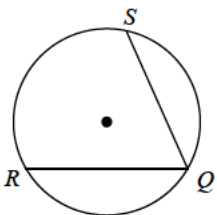
- A) No
- B) Yes;  $m\angle BAC, \widehat{AB}$
- C) Yes;  $m\angle BAC, \widehat{AC}$
- D) Yes;  $m\angle ABC, \widehat{BC}$

22)



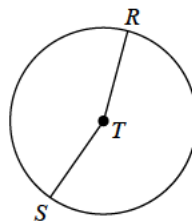
- A) Yes;  $m\angle XWY, \widehat{XWY}$
- B) Yes;  $m\angle XWY, \widehat{WY}$
- C) No
- D) Yes;  $m\angle XWY, \widehat{WX}$

23)



- A) No
- B) Yes;  $m\angle RQS, \widehat{QS}$
- C) Yes;  $m\angle RQS, \widehat{QR}$
- D) Yes;  $m\angle RQS, \widehat{RS}$

24)



- A) No
- B) Yes;  $m\angle STR, \widehat{STR}$
- C) Yes;  $m\angle STR, \widehat{TS}$
- D) Yes;  $m\angle STR, \widehat{TR}$





## Answers to Assignment (ID: 2)

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

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

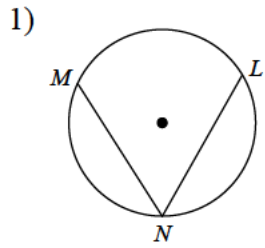
3) D  
7) C  
11) D  
15) A  
19) B  
23) D

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

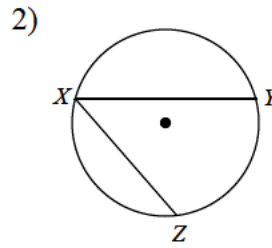


Assignment

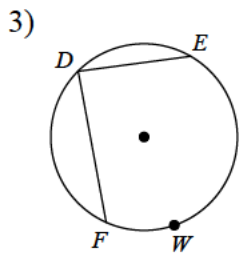
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.



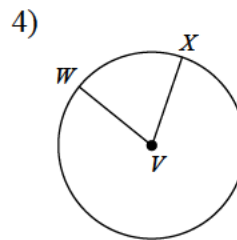
- A) Yes;  $m\angle MNL, \widehat{NL}$
- B) Yes;  $m\angle MNL, \widehat{NM}$
- C) Yes;  $m\angle MNL, \widehat{ML}$
- D) No



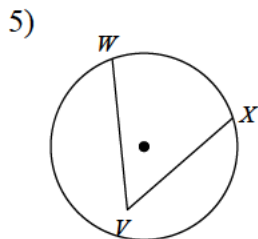
- A) Yes;  $m\angle YXZ, \widehat{YZ}$
- B) Yes;  $m\angle YXZ, \widehat{YXZ}$
- C) Yes;  $m\angle YXZ, \widehat{XY}$
- D) Yes;  $m\angle YXZ, \widehat{XZ}$



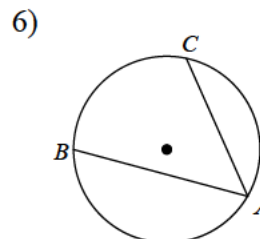
- A) Yes;  $m\angle EDF, \widehat{DF}$
- B) Yes;  $m\angle EDF, \widehat{EWF}$
- C) No
- D) Yes;  $m\angle EDF, \widehat{EDF}$



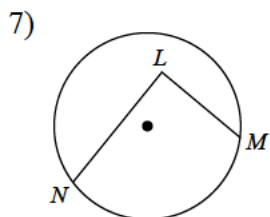
- A) No
- B) Yes;  $m\angle WVX, \widehat{VX}$
- C) Yes;  $m\angle WVX, \widehat{VW}$
- D) Yes;  $m\angle VWX, \widehat{WVX}$



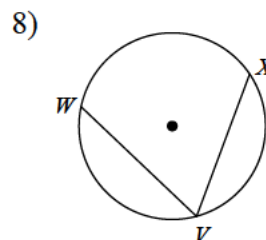
- A) No
- B) Yes;  $m\angle WVX, \widehat{VX}$
- C) Yes;  $m\angle VWX, \widehat{VW}$
- D) Yes;  $m\angle WVX, \widehat{VW}$



- A) Yes;  $m\angle ABC, \widehat{AB}$
- B) Yes;  $m\angle BAC, \widehat{BC}$
- C) Yes;  $m\angle BAC, \widehat{AB}$
- D) No



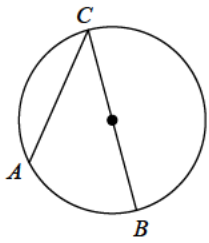
- A) Yes;  $m\angle MLN, \widehat{LM}$
- B) No
- C) Yes;  $m\angle MLN, \widehat{LN}$
- D) Yes;  $m\angle LMN, \widehat{LM}$



- A) Yes;  $m\angle WVX, \widehat{VX}$
- B) Yes;  $m\angle WVX, \widehat{VW}$
- C) Yes;  $m\angle WVX, \widehat{WX}$
- D) No

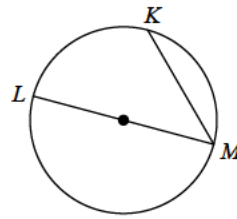


9)



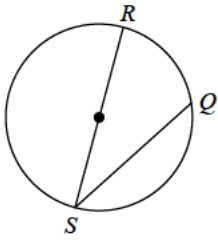
- A) Yes;  $m\angle BCA, \widehat{CA}$
- B) Yes;  $m\angle BCA, \widehat{CB}$
- C) Yes;  $m\angle BCA, \widehat{BA}$
- D) No

10)



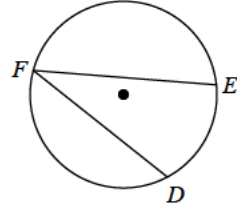
- A) No
- B) Yes;  $m\angle LMK, \widehat{MK}$
- C) Yes;  $m\angle LMK, \widehat{LK}$
- D) Yes;  $m\angle LMK, \widehat{ML}$

11)



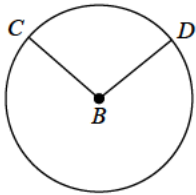
- A) Yes;  $m\angle RSQ, \widehat{RQ}$
- B) Yes;  $m\angle RSQ, \widehat{SQ}$
- C) No
- D) Yes;  $m\angle RSQ, \widehat{SR}$

12)



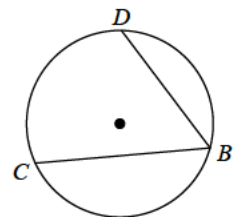
- A) Yes;  $m\angle EFD, \widehat{FE}$
- B) Yes;  $m\angle EFD, \widehat{EFD}$
- C) Yes;  $m\angle EFD, \widehat{FD}$
- D) Yes;  $m\angle EFD, \widehat{ED}$

13)



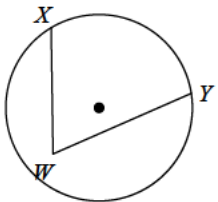
- A) Yes;  $m\angle CBD, \widehat{BD}$
- B) Yes;  $m\angle CBD, \widehat{CD}$
- C) No
- D) Yes;  $m\angle CBD, \widehat{BC}$

14)



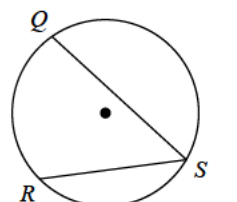
- A) Yes;  $m\angle CBD, \widehat{CD}$
- B) No
- C) Yes;  $m\angle CBD, \widehat{BC}$
- D) Yes;  $m\angle CBD, \widehat{BD}$

15)



- A) Yes;  $m\angle XWY, \widehat{XWY}$
- B) Yes;  $m\angle XWY, \widehat{WX}$
- C) No
- D) Yes;  $m\angle XWY, \widehat{WY}$

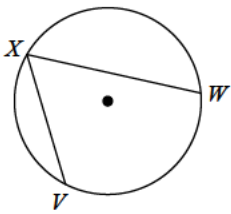
16)



- A) Yes;  $m\angle RSQ, \widehat{SR}$
- B) Yes;  $m\angle RSQ, \widehat{RQ}$
- C) Yes;  $m\angle RSQ, \widehat{RSQ}$
- D) Yes;  $m\angle RSQ, \widehat{SQ}$

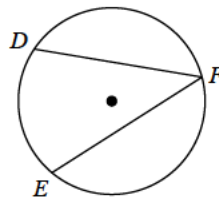


17)



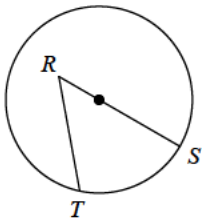
- A) Yes;  $m\angle WXV, \widehat{XW}$
- B) Yes;  $m\angle WXV, \widehat{WV}$
- C) Yes;  $m\angle WXV, \widehat{XV}$
- D) No

18)



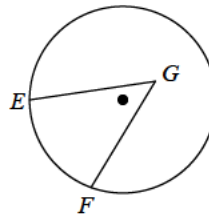
- A) Yes;  $m\angle EFD, \widehat{ED}$
- B) Yes;  $m\angle EFD, \widehat{EFD}$
- C) Yes;  $m\angle EFD, \widehat{FD}$
- D) No

19)



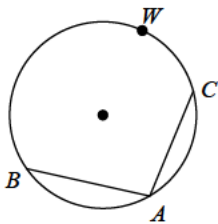
- A) Yes;  $m\angle RST, \widehat{ST}$
- B) Yes;  $m\angle SRT, \widehat{RS}$
- C) Yes;  $m\angle SRT, \widehat{SRT}$
- D) No

20)



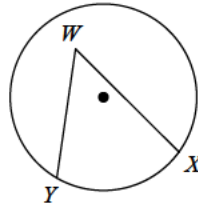
- A) Yes;  $m\angle FGE, \widehat{GE}$
- B) No
- C) Yes;  $m\angle FGE, \widehat{FGE}$
- D) Yes;  $m\angle GFE, \widehat{FGE}$

21)



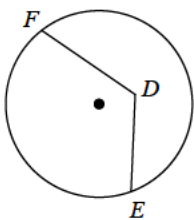
- A) Yes;  $m\angle BAC, \widehat{AC}$
- B) Yes;  $m\angle BAC, \widehat{BWC}$
- C) No
- D) Yes;  $m\angle BAC, \widehat{AB}$

22)



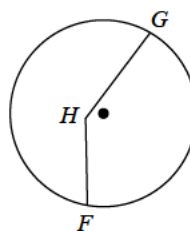
- A) Yes;  $m\angle XWY, \widehat{WY}$
- B) No
- C) Yes;  $m\angle XWY, \widehat{WX}$
- D) Yes;  $m\angle WXY, \widehat{XWY}$

23)



- A) Yes;  $m\angle EDF, \widehat{EDF}$
- B) Yes;  $m\angle EDF, \widehat{DF}$
- C) Yes;  $m\angle EDF, \widehat{DE}$
- D) No

24)



- A) Yes;  $m\angle GHF, \widehat{HF}$
- B) No
- C) Yes;  $m\angle HGF, \widehat{GHF}$
- D) Yes;  $m\angle HGF, \widehat{GF}$



## Answers to Assignment (ID: 3)

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

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

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

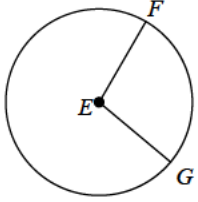
- 4) A
- 8) C
- 12) D
- 16) B
- 20) B
- 24) B



Assignment

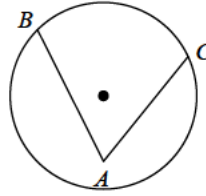
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



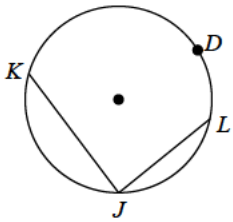
- A) Yes;  $m\angle FEG, \widehat{EG}$
- B) Yes;  $m\angle FEG, \widehat{FEG}$
- C) No
- D) Yes;  $m\angle FEG, \widehat{EF}$

2)



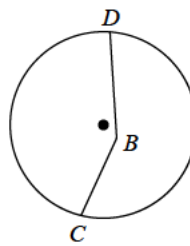
- A) No
- B) Yes;  $m\angle BAC, \widehat{AB}$
- C) Yes;  $m\angle BAC, \widehat{BAC}$
- D) Yes;  $m\angle BAC, \widehat{AC}$

3)



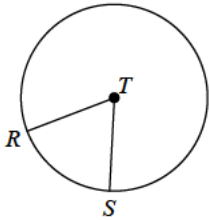
- A) Yes;  $m\angle KJL, \widehat{JL}$
- B) Yes;  $m\angle KJL, \widehat{JK}$
- C) Yes;  $m\angle KJL, \widehat{KJL}$
- D) Yes;  $m\angle KJL, \widehat{KDL}$

4)



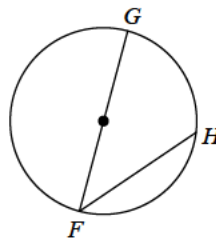
- A) No
- B) Yes;  $m\angle CBD, \widehat{CBD}$
- C) Yes;  $m\angle BCD, \widehat{CD}$
- D) Yes;  $m\angle CBD, \widehat{BD}$

5)



- A) Yes;  $m\angle STR, \widehat{TS}$
- B) Yes;  $m\angle TSR, \widehat{TR}$
- C) Yes;  $m\angle STR, \widehat{STR}$
- D) No

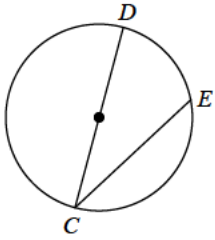
6)



- A) Yes;  $m\angle FGH, \widehat{FH}$
- B) Yes;  $m\angle GFH, \widehat{GFH}$
- C) Yes;  $m\angle GFH, \widehat{GH}$
- D) No

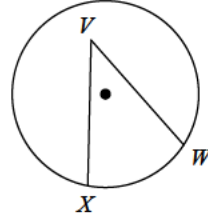


7)



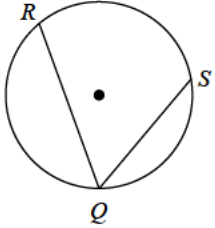
- A) Yes;  $m\angle DCE, \widehat{DE}$   
 B) Yes;  $m\angle DCE, \widehat{CD}$   
 C) No  
 D) Yes;  $m\angle DCE, \widehat{CE}$

8)



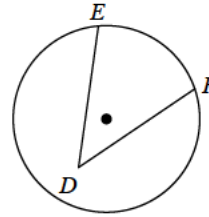
- A) No  
 B) Yes;  $m\angle VWX, \widehat{WX}$   
 C) Yes;  $m\angle WVX, \widehat{VX}$   
 D) Yes;  $m\angle WVX, \widehat{VW}$

9)



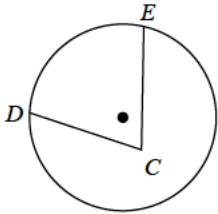
- A) Yes;  $m\angle RQS, \widehat{RS}$   
 B) No  
 C) Yes;  $m\angle RQS, \widehat{QR}$   
 D) Yes;  $m\angle RQS, \widehat{QS}$

10)



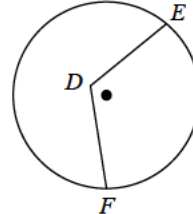
- A) Yes;  $m\angle EDF, \widehat{DF}$   
 B) Yes;  $m\angle EDF, \widehat{EDF}$   
 C) Yes;  $m\angle EDF, \widehat{DE}$   
 D) No

11)



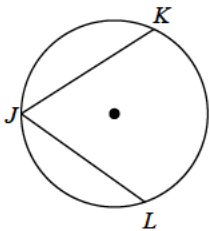
- A) Yes;  $m\angle CDE, \widehat{CE}$   
 B) No  
 C) Yes;  $m\angle DCE, \widehat{CD}$   
 D) Yes;  $m\angle DCE, \widehat{DCE}$

12)



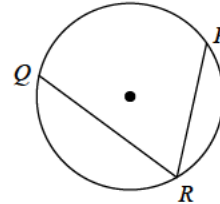
- A) Yes;  $m\angle EDF, \widehat{EDF}$   
 B) Yes;  $m\angle DEF, \widehat{EDF}$   
 C) No  
 D) Yes;  $m\angle EDF, \widehat{DE}$

13)



- A) Yes;  $m\angle KJL, \widehat{JK}$   
 B) No  
 C) Yes;  $m\angle KJL, \widehat{KL}$   
 D) Yes;  $m\angle KJL, \widehat{KJL}$

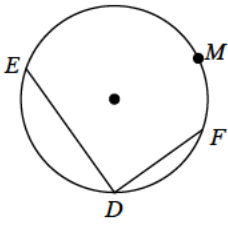
14)



- A) Yes;  $m\angle QRP, \widehat{QP}$   
 B) Yes;  $m\angle QRP, \widehat{RQ}$   
 C) No  
 D) Yes;  $m\angle QRP, \widehat{QRP}$

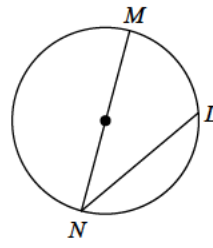


15)



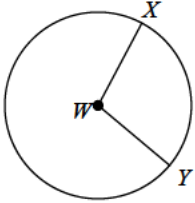
- A) Yes;  $m\angle EDF, \widehat{DF}$
- B) Yes;  $m\angle DEF, \widehat{DE}$
- C) Yes;  $m\angle EDF, \widehat{DE}$
- D) Yes;  $m\angle EDF, \widehat{EMF}$

16)



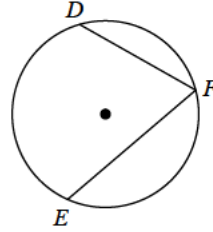
- A) Yes;  $m\angle MNL, \widehat{ML}$
- B) Yes;  $m\angle MNL, \widehat{MNL}$
- C) Yes;  $m\angle MNL, \widehat{NL}$
- D) Yes;  $m\angle MNL, \widehat{NM}$

17)



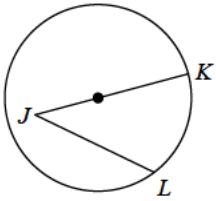
- A) Yes;  $m\angle XWY, \widehat{WY}$
- B) Yes;  $m\angle XWY, \widehat{WX}$
- C) No
- D) Yes;  $m\angle XWY, \widehat{XWY}$

18)



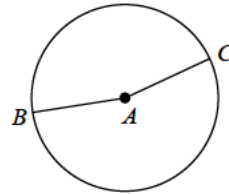
- A) Yes;  $m\angle EFD, \widehat{EFD}$
- B) Yes;  $m\angle EFD, \widehat{ED}$
- C) No
- D) Yes;  $m\angle EFD, \widehat{FD}$

19)



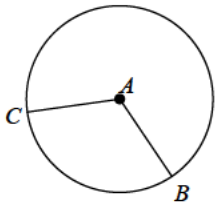
- A) Yes;  $m\angle KJL, \widehat{KJL}$
- B) Yes;  $m\angle KJL, \widehat{JK}$
- C) No
- D) Yes;  $m\angle KJL, \widehat{JL}$

20)



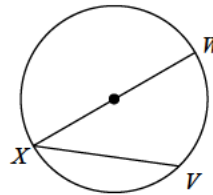
- A) Yes;  $m\angle BAC, \widehat{BAC}$
- B) Yes;  $m\angle BAC, \widehat{AB}$
- C) Yes;  $m\angle ABC, \widehat{AB}$
- D) No

21)



- A) No
- B) Yes;  $m\angle BAC, \widehat{AC}$
- C) Yes;  $m\angle BAC, \widehat{AB}$
- D) Yes;  $m\angle ABC, \widehat{AB}$

22)

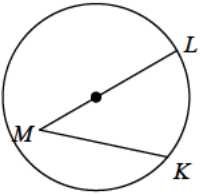


- A) Yes;  $m\angle WXV, \widehat{XV}$
- B) Yes;  $m\angle WXV, \widehat{XW}$
- C) Yes;  $m\angle WXV, \widehat{WV}$
- D) Yes;  $m\angle WXV, \widehat{WXV}$



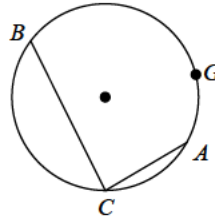


23)



- A) Yes;  $m\angle LMK, \widehat{MK}$
- B) No
- C) Yes;  $m\angle LMK, \widehat{ML}$
- D) Yes;  $m\angle LMK, \widehat{LMK}$

24)



- A) Yes;  $m\angle BCA, \widehat{CA}$
- B) Yes;  $m\angle BCA, \widehat{BGA}$
- C) Yes;  $m\angle BCA, \widehat{CB}$
- D) No



## Answers to Assignment (ID: 4)

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

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

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

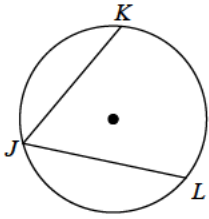
- 4) A
- 8) A
- 12) C
- 16) A
- 20) D
- 24) B



Assignment

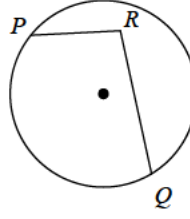
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



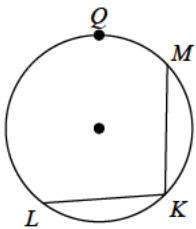
- A) Yes;  $m\angle KJL, \widehat{JL}$
- B) Yes;  $m\angle KJL, \widehat{JK}$
- C) Yes;  $m\angle KJL, \widehat{KL}$
- D) No

2)



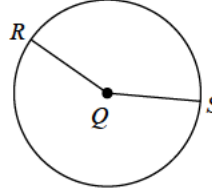
- A) No
- B) Yes;  $m\angle QRP, \widehat{RP}$
- C) Yes;  $m\angle QRP, \widehat{QRP}$
- D) Yes;  $m\angle QRP, \widehat{RQ}$

3)



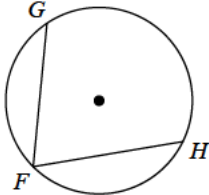
- A) No
- B) Yes;  $m\angle KLM, \widehat{LM}$
- C) Yes;  $m\angle LKM, \widehat{LQM}$
- D) Yes;  $m\angle LKM, \widehat{KM}$

4)



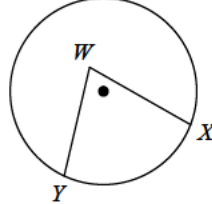
- A) No
- B) Yes;  $m\angle QRS, \widehat{RQS}$
- C) Yes;  $m\angle RQS, \widehat{QR}$
- D) Yes;  $m\angle RQS, \widehat{QS}$

5)



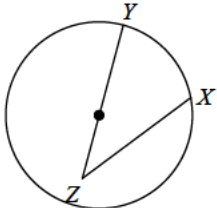
- A) Yes;  $m\angle GFH, \widehat{GFH}$
- B) Yes;  $m\angle GFH, \widehat{FG}$
- C) Yes;  $m\angle GFH, \widehat{GH}$
- D) No

6)



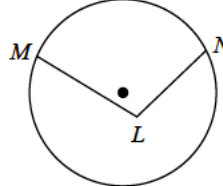
- A) Yes;  $m\angle XWY, \widehat{XWY}$
- B) No
- C) Yes;  $m\angle XWY, \widehat{WX}$
- D) Yes;  $m\angle XWY, \widehat{WY}$

7)



- A) Yes;  $m\angle YZX, \widehat{ZY}$
- B) Yes;  $m\angle YZX, \widehat{ZX}$
- C) Yes;  $m\angle YZX, \widehat{YZX}$
- D) No

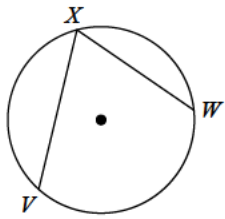
8)



- A) Yes;  $m\angle MLN, \widehat{MLN}$
- B) No
- C) Yes;  $m\angle MLN, \widehat{LM}$
- D) Yes;  $m\angle LMN, \widehat{LN}$

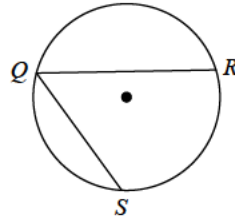


9)



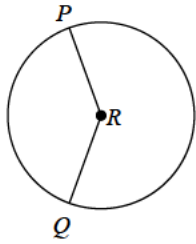
- A) Yes;  $m\angle WXV, \widehat{WV}$
- B) Yes;  $m\angle WXV, \widehat{XV}$
- C) Yes;  $m\angle XWV, \widehat{XV}$
- D) No

10)



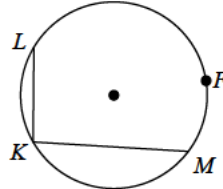
- A) No
- B) Yes;  $m\angle RQS, \widehat{RS}$
- C) Yes;  $m\angle RQS, \widehat{QR}$
- D) Yes;  $m\angle RQS, \widehat{QS}$

11)



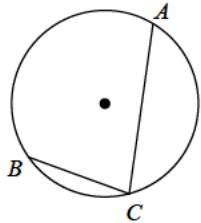
- A) No
- B) Yes;  $m\angle RQP, \widehat{RQ}$
- C) Yes;  $m\angle QRP, \widehat{RP}$
- D) Yes;  $m\angle QRP, \widehat{RQ}$

12)



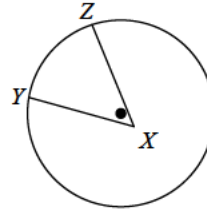
- A) Yes;  $m\angle LKM, \widehat{LFM}$
- B) Yes;  $m\angle LKM, \widehat{LKM}$
- C) Yes;  $m\angle LKM, \widehat{KM}$
- D) Yes;  $m\angle LKM, \widehat{KL}$

13)



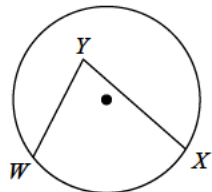
- A) Yes;  $m\angle BCA, \widehat{CA}$
- B) Yes;  $m\angle BCA, \widehat{BA}$
- C) Yes;  $m\angle CBA, \widehat{BCA}$
- D) Yes;  $m\angle BCA, \widehat{CB}$

14)



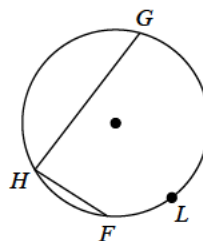
- A) Yes;  $m\angle YXZ, \widehat{XZ}$
- B) Yes;  $m\angle XYZ, \widehat{YZ}$
- C) Yes;  $m\angle YXZ, \widehat{XY}$
- D) No

15)



- A) Yes;  $m\angle XYW, \widehat{YX}$
- B) Yes;  $m\angle XYW, \widehat{YW}$
- C) No
- D) Yes;  $m\angle XYW, \widehat{XYW}$

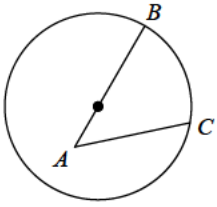
16)



- A) No
- B) Yes;  $m\angle GHF, \widehat{GHF}$
- C) Yes;  $m\angle GHF, \widehat{HF}$
- D) Yes;  $m\angle GHF, \widehat{GLF}$

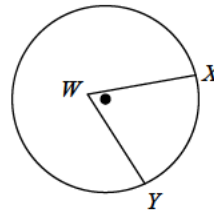


17)



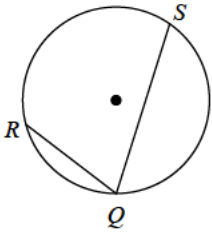
- A) Yes;  $m\angle BAC, \widehat{BAC}$
- B) No
- C) Yes;  $m\angle BAC, \widehat{AB}$
- D) Yes;  $m\angle BAC, \widehat{AC}$

18)



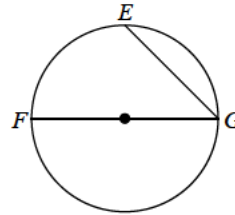
- A) Yes;  $m\angle XWY, \widehat{WY}$
- B) No
- C) Yes;  $m\angle XWY, \widehat{WX}$
- D) Yes;  $m\angle XWY, \widehat{XY}$

19)



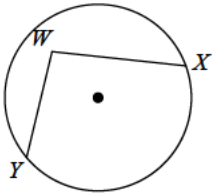
- A) Yes;  $m\angle RQS, \widehat{RQS}$
- B) No
- C) Yes;  $m\angle RQS, \widehat{RS}$
- D) Yes;  $m\angle RQS, \widehat{QS}$

20)



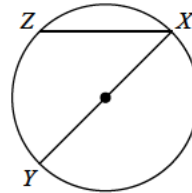
- A) Yes;  $m\angle FGE, \widehat{FGE}$
- B) Yes;  $m\angle FGE, \widehat{GE}$
- C) Yes;  $m\angle GFE, \widehat{FGE}$
- D) Yes;  $m\angle FGE, \widehat{FE}$

21)



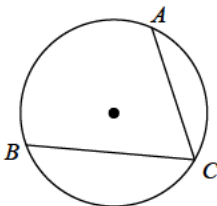
- A) Yes;  $m\angle XWY, \widehat{XWY}$
- B) Yes;  $m\angle XWY, \widehat{WX}$
- C) Yes;  $m\angle XWY, \widehat{WY}$
- D) No

22)



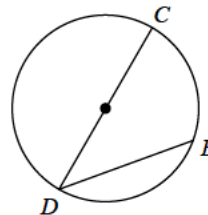
- A) Yes;  $m\angle XYZ, \widehat{YXZ}$
- B) No
- C) Yes;  $m\angle YXZ, \widehat{YXZ}$
- D) Yes;  $m\angle YXZ, \widehat{YZ}$

23)



- A) Yes;  $m\angle BCA, \widehat{CB}$
- B) Yes;  $m\angle BCA, \widehat{BCA}$
- C) Yes;  $m\angle BCA, \widehat{BA}$
- D) No

24)



- A) No
- B) Yes;  $m\angle CDB, \widehat{DB}$
- C) Yes;  $m\angle CDB, \widehat{DC}$
- D) Yes;  $m\angle CDB, \widehat{CB}$



## Answers to Assignment (ID: 5)

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

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

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

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

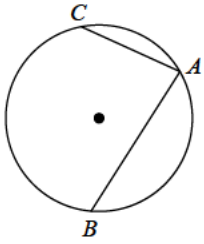


Assignment

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

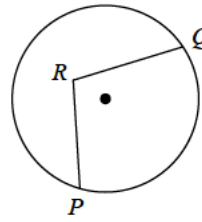
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



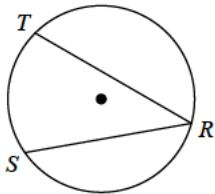
- A) Yes;  $m\angle BAC$ ,  $\widehat{BC}$
- B) Yes;  $m\angle BAC$ ,  $\widehat{AB}$
- C) Yes;  $m\angle BAC$ ,  $\widehat{AC}$
- D) No

2)



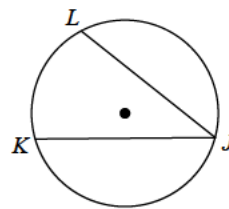
- A) Yes;  $m\angle QRP$ ,  $\widehat{RP}$
- B) Yes;  $m\angle QRP$ ,  $\widehat{RQ}$
- C) No
- D) Yes;  $m\angle QRP$ ,  $\widehat{QRP}$

3)



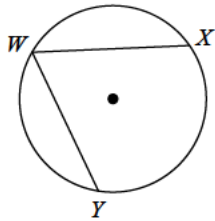
- A) Yes;  $m\angle SRT$ ,  $\widehat{RT}$
- B) Yes;  $m\angle SRT$ ,  $\widehat{ST}$
- C) Yes;  $m\angle SRT$ ,  $\widehat{RS}$
- D) No

4)



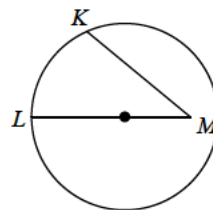
- A) Yes;  $m\angle KJL$ ,  $\widehat{KL}$
- B) Yes;  $m\angle KJL$ ,  $\widehat{JL}$
- C) Yes;  $m\angle KJL$ ,  $\widehat{JK}$
- D) No

5)



- A) Yes;  $m\angle XWY$ ,  $\widehat{XWY}$
- B) No
- C) Yes;  $m\angle XWY$ ,  $\widehat{WX}$
- D) Yes;  $m\angle XWY$ ,  $\widehat{XY}$

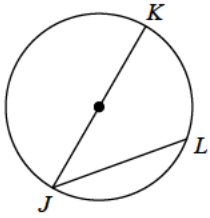
6)



- A) No
- B) Yes;  $m\angle LMK$ ,  $\widehat{ML}$
- C) Yes;  $m\angle LMK$ ,  $\widehat{LMK}$
- D) Yes;  $m\angle MLK$ ,  $\widehat{MK}$

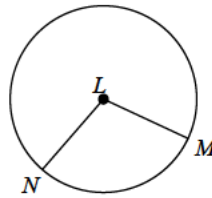


7)



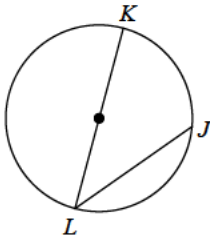
- A) Yes;  $m\angle KJL, \widehat{JK}$   
 B) Yes;  $m\angle KJL, \widehat{KJL}$   
 C) Yes;  $m\angle KJL, \widehat{KL}$   
 D) Yes;  $m\angle KJL, \widehat{JL}$

8)



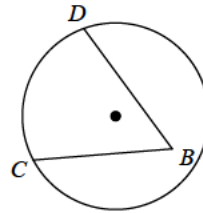
- A) Yes;  $m\angle LMN, \widehat{LN}$   
 B) No  
 C) Yes;  $m\angle MLN, \widehat{LM}$   
 D) Yes;  $m\angle MLN, \widehat{MLN}$

9)



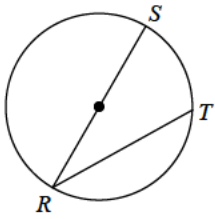
- A) No  
 B) Yes;  $m\angle KLJ, \widehat{LJ}$   
 C) Yes;  $m\angle KLJ, \widehat{KLJ}$   
 D) Yes;  $m\angle KLJ, \widehat{KJ}$

10)



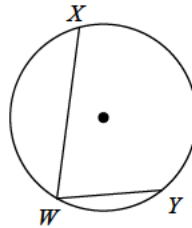
- A) Yes;  $m\angle BCD, \widehat{CBD}$   
 B) Yes;  $m\angle CBD, \widehat{CBD}$   
 C) No  
 D) Yes;  $m\angle CBD, \widehat{BC}$

11)



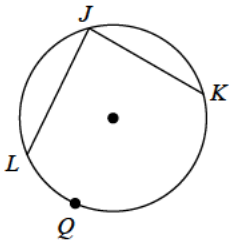
- A) Yes;  $m\angle SRT, \widehat{RS}$   
 B) Yes;  $m\angle SRT, \widehat{ST}$   
 C) Yes;  $m\angle SRT, \widehat{RT}$   
 D) No

12)



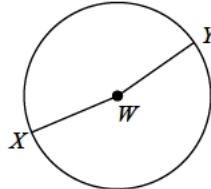
- A) Yes;  $m\angle XWY, \widehat{XY}$   
 B) Yes;  $m\angle WXY, \widehat{XWY}$   
 C) Yes;  $m\angle XWY, \widehat{XWY}$   
 D) No

13)



- A) Yes;  $m\angle KJL, \widehat{KJL}$   
 B) Yes;  $m\angle KJL, \widehat{KQL}$   
 C) Yes;  $m\angle KJL, \widehat{JL}$   
 D) Yes;  $m\angle KJL, \widehat{JK}$

14)

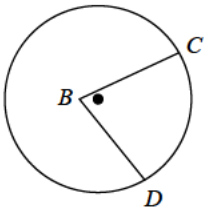


- A) Yes;  $m\angle XWY, \widehat{WY}$   
 B) Yes;  $m\angle XWY, \widehat{XWY}$   
 C) No  
 D) Yes;  $m\angle WXY, \widehat{WY}$



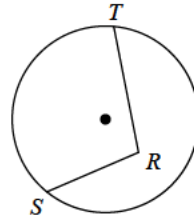


15)



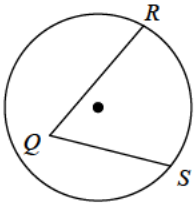
- A) Yes;  $m\angle CBD, \widehat{BD}$   
 B) Yes;  $m\angle CBD, \widehat{BC}$   
 C) Yes;  $m\angle BCD, \widehat{BC}$   
 D) No

16)



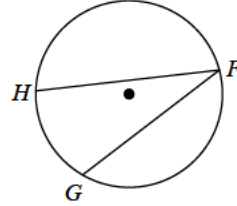
- A) Yes;  $m\angle RST, \widehat{RT}$   
 B) Yes;  $m\angle SRT, \widehat{RS}$   
 C) Yes;  $m\angle SRT, \widehat{RT}$   
 D) No

17)



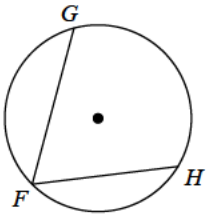
- A) No  
 B) Yes;  $m\angle RQS, \widehat{QR}$   
 C) Yes;  $m\angle QRS, \widehat{QS}$   
 D) Yes;  $m\angle QRS, \widehat{QS}$

18)



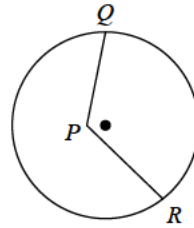
- A) Yes;  $m\angle GFH, \widehat{FH}$   
 B) Yes;  $m\angle GFH, \widehat{GH}$   
 C) No  
 D) Yes;  $m\angle GFH, \widehat{FG}$

19)



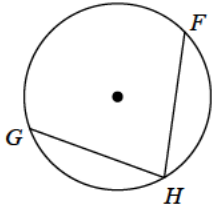
- A) No  
 B) Yes;  $m\angle GFH, \widehat{FG}$   
 C) Yes;  $m\angle GFH, \widehat{GH}$   
 D) Yes;  $m\angle GFH, \widehat{FH}$

20)



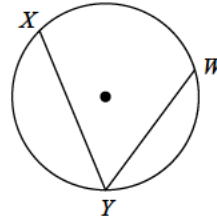
- A) No  
 B) Yes;  $m\angle QPR, \widehat{QPR}$   
 C) Yes;  $m\angle QPR, \widehat{PQ}$   
 D) Yes;  $m\angle QPR, \widehat{PR}$

21)



- A) Yes;  $m\angle GHF, \widehat{GHF}$   
 B) No  
 C) Yes;  $m\angle GHF, \widehat{GF}$   
 D) Yes;  $m\angle GHF, \widehat{HG}$

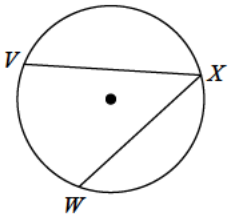
22)



- A) Yes;  $m\angle YXW, \widehat{YX}$   
 B) Yes;  $m\angle XYW, \widehat{XW}$   
 C) Yes;  $m\angle YXW, \widehat{XW}$   
 D) Yes;  $m\angle XYW, \widehat{XYW}$

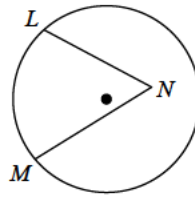


23)



- A) Yes;  $m\angle WXV, \widehat{WXV}$
- B) Yes;  $m\angle WXV, \widehat{WV}$
- C) Yes;  $m\angle WXV, \widehat{XW}$
- D) Yes;  $m\angle WXV, \widehat{XV}$

24)



- A) Yes;  $m\angle MNL, \widehat{MNL}$
- B) Yes;  $m\angle MNL, \widehat{NL}$
- C) No
- D) Yes;  $m\angle MNL, \widehat{NM}$



## Answers to Assignment (ID: 6)

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

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

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

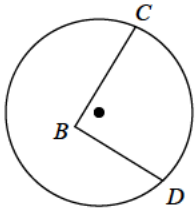
- 4) A
- 8) B
- 12) A
- 16) D
- 20) A
- 24) C



Assignment

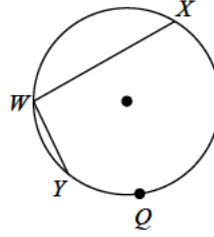
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



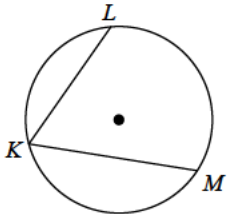
- A) Yes;  $m\angle BCD$ ,  $\widehat{BC}$
- B) No
- C) Yes;  $m\angle CBD$ ,  $\widehat{CBD}$
- D) Yes;  $m\angle CBD$ ,  $\widehat{BD}$

2)



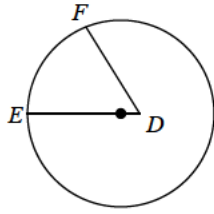
- A) Yes;  $m\angle XWY$ ,  $\widehat{WY}$
- B) Yes;  $m\angle XWY$ ,  $\widehat{XWY}$
- C) No
- D) Yes;  $m\angle XWY$ ,  $\widehat{XQY}$

3)



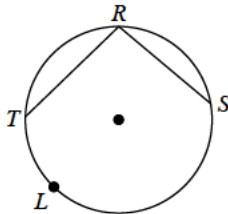
- A) No
- B) Yes;  $m\angle LKM$ ,  $\widehat{LM}$
- C) Yes;  $m\angle KLM$ ,  $\widehat{KM}$
- D) Yes;  $m\angle LKM$ ,  $\widehat{LKM}$

4)



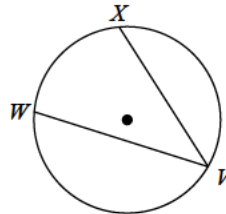
- A) Yes;  $m\angle EDF$ ,  $\widehat{EDF}$
- B) No
- C) Yes;  $m\angle EDF$ ,  $\widehat{DF}$
- D) Yes;  $m\angle EDF$ ,  $\widehat{DE}$

5)



- A) Yes;  $m\angle SRT$ ,  $\widehat{RS}$
- B) Yes;  $m\angle SRT$ ,  $\widehat{RT}$
- C) Yes;  $m\angle SRT$ ,  $\widehat{SRT}$
- D) Yes;  $m\angle SRT$ ,  $\widehat{SLT}$

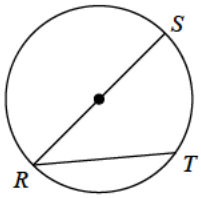
6)



- A) No
- B) Yes;  $m\angle WVX$ ,  $\widehat{WX}$
- C) Yes;  $m\angle WVX$ ,  $\widehat{VW}$
- D) Yes;  $m\angle WVX$ ,  $\widehat{VX}$

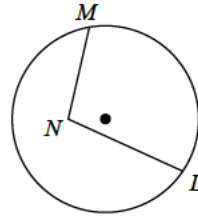


7)



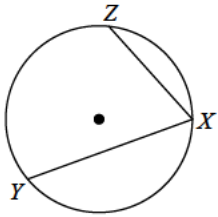
- A) No  
 B) Yes;  $m\angle SRT, \widehat{RS}$   
 C) Yes;  $m\angle SRT, \widehat{SRT}$   
 D) Yes;  $m\angle SRT, \widehat{ST}$

8)



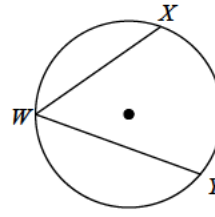
- A) Yes;  $m\angle MNL, \widehat{NM}$   
 B) Yes;  $m\angle NML, \widehat{ML}$   
 C) No  
 D) Yes;  $m\angle MNL, \widehat{NL}$

9)



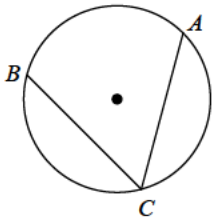
- A) Yes;  $m\angle YXZ, \widehat{YZ}$   
 B) Yes;  $m\angle YXZ, \widehat{XZ}$   
 C) No  
 D) Yes;  $m\angle YXZ, \widehat{XY}$

10)



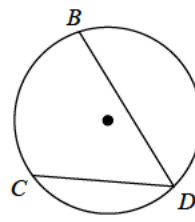
- A) Yes;  $m\angle XWY, \widehat{WX}$   
 B) No  
 C) Yes;  $m\angle XWY, \widehat{XY}$   
 D) Yes;  $m\angle WXY, \widehat{WY}$

11)



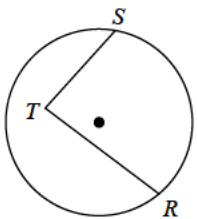
- A) Yes;  $m\angle BCA, \widehat{CB}$   
 B) No  
 C) Yes;  $m\angle BCA, \widehat{BA}$   
 D) Yes;  $m\angle BCA, \widehat{CA}$

12)



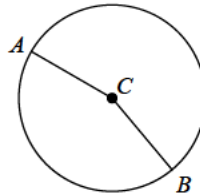
- A) Yes;  $m\angle CDB, \widehat{DC}$   
 B) Yes;  $m\angle CDB, \widehat{CB}$   
 C) No  
 D) Yes;  $m\angle CDB, \widehat{DB}$

13)



- A) Yes;  $m\angle STR, \widehat{STR}$   
 B) No  
 C) Yes;  $m\angle TSR, \widehat{TS}$   
 D) Yes;  $m\angle STR, \widehat{TS}$

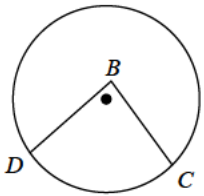
14)



- A) Yes;  $m\angle BCA, \widehat{CB}$   
 B) No  
 C) Yes;  $m\angle BCA, \widehat{BCA}$   
 D) Yes;  $m\angle BCA, \widehat{CA}$

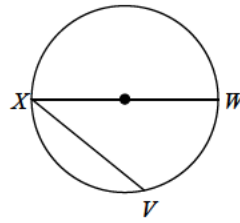


15)



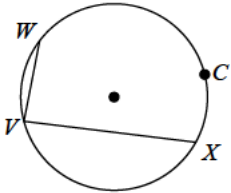
- A) Yes;  $m\angle BCD, \widehat{BC}$
- B) Yes;  $m\angle BCD, \widehat{BD}$
- C) Yes;  $m\angle CBD, \widehat{BD}$
- D) No

16)



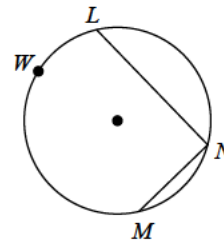
- A) Yes;  $m\angle WXV, \widehat{XV}$
- B) Yes;  $m\angle WXV, \widehat{WV}$
- C) Yes;  $m\angle WXV, \widehat{XW}$
- D) Yes;  $m\angle WXV, \widehat{WXV}$

17)



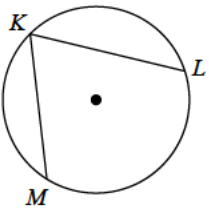
- A) Yes;  $m\angle WVX, \widehat{VW}$
- B) No
- C) Yes;  $m\angle WVX, \widehat{WCX}$
- D) Yes;  $m\angle WVX, \widehat{VX}$

18)



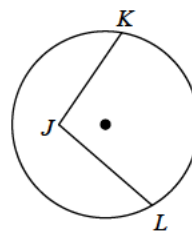
- A) Yes;  $m\angle MNL, \widehat{NM}$
- B) Yes;  $m\angle MNL, \widehat{NL}$
- C) Yes;  $m\angle MNL, \widehat{MWL}$
- D) No

19)



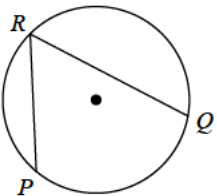
- A) Yes;  $m\angle LKM, \widehat{KL}$
- B) Yes;  $m\angle LKM, \widehat{LKM}$
- C) Yes;  $m\angle LKM, \widehat{LM}$
- D) Yes;  $m\angle LKM, \widehat{KM}$

20)



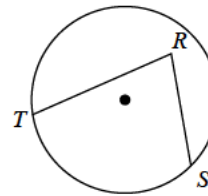
- A) Yes;  $m\angle JKL, \widehat{KJL}$
- B) Yes;  $m\angle JKL, \widehat{JK}$
- C) Yes;  $m\angle JKL, \widehat{KJL}$
- D) No

21)



- A) Yes;  $m\angle QRP, \widehat{QP}$
- B) Yes;  $m\angle QRP, \widehat{RQ}$
- C) Yes;  $m\angle QRP, \widehat{RP}$
- D) No

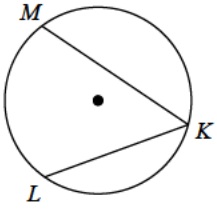
22)



- A) Yes;  $m\angle RST, \widehat{RT}$
- B) No
- C) Yes;  $m\angle RST, \widehat{ST}$
- D) Yes;  $m\angle RST, \widehat{RT}$

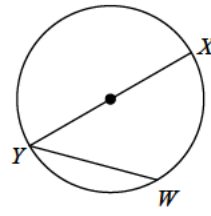


23)



- A) Yes;  $m\angle LKM, \widehat{LKM}$
- B) Yes;  $m\angle LKM, \widehat{KL}$
- C) Yes;  $m\angle LKM, \widehat{LM}$
- D) Yes;  $m\angle LKM, \widehat{KM}$

24)



- A) Yes;  $m\angle XYW, \widehat{XYW}$
- B) Yes;  $m\angle XYW, \widehat{YX}$
- C) No
- D) Yes;  $m\angle XYW, \widehat{XW}$



## Answers to Assignment (ID: 7)

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

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

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

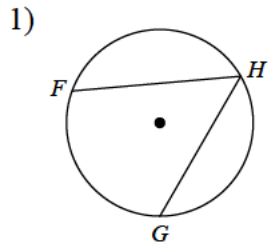
4) B  
8) C  
12) B  
16) B  
20) D  
24) D



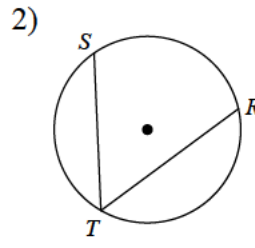


Assignment

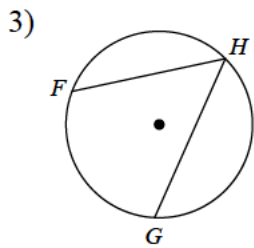
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.



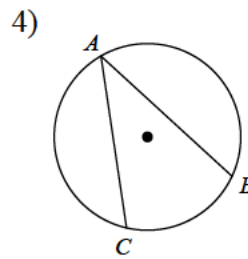
- A) No
- B) Yes;  $m\angle GFH, \widehat{HF}$
- C) Yes;  $m\angle GFH, \widehat{HG}$
- D) Yes;  $m\angle GFH, \widehat{GF}$



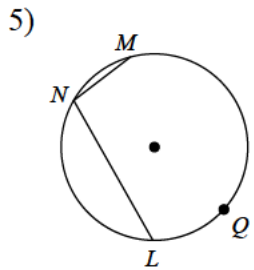
- A) Yes;  $m\angle STR, \widehat{TS}$
- B) No
- C) Yes;  $m\angle STR, \widehat{TR}$
- D) Yes;  $m\angle STR, \widehat{SR}$



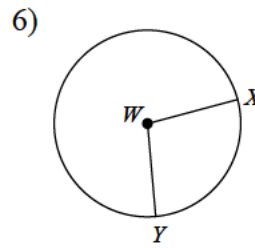
- A) Yes;  $m\angle GFH, \widehat{HF}$
- B) Yes;  $m\angle GFH, \widehat{GF}$
- C) Yes;  $m\angle GFH, \widehat{HG}$
- D) Yes;  $m\angle GFH, \widehat{GHF}$



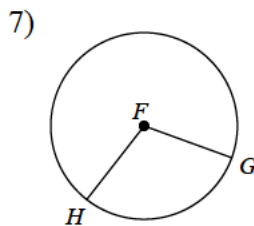
- A) Yes;  $m\angle BAC, \widehat{AB}$
- B) Yes;  $m\angle BAC, \widehat{AC}$
- C) Yes;  $m\angle BAC, \widehat{BC}$
- D) Yes;  $m\angle BAC, \widehat{BAC}$



- A) Yes;  $m\angle MNL, \widehat{NM}$
- B) Yes;  $m\angle MNL, \widehat{NL}$
- C) Yes;  $m\angle MNL, \widehat{MQL}$
- D) No



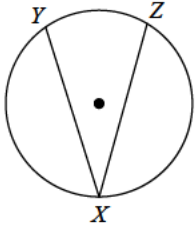
- A) Yes;  $m\angle XWY, \widehat{XWY}$
- B) Yes;  $m\angle XWY, \widehat{WY}$
- C) No
- D) Yes;  $m\angle WXY, \widehat{XY}$



- A) Yes;  $m\angle GFH, \widehat{GFH}$
- B) Yes;  $m\angle GFH, \widehat{FG}$
- C) Yes;  $m\angle GFH, \widehat{FH}$
- D) No

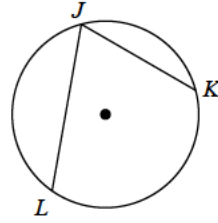


8)



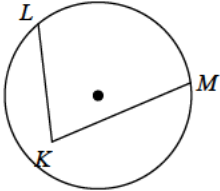
- A) No  
 B) Yes;  $m\angle YXZ, \widehat{YZ}$   
 C) Yes;  $m\angle YXZ, \widehat{XZ}$   
 D) Yes;  $m\angle YXZ, \widehat{YZ}$

9)



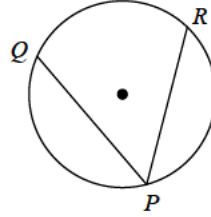
- A) No  
 B) Yes;  $m\angle KJL, \widehat{KJL}$   
 C) Yes;  $m\angle KJL, \widehat{KL}$   
 D) Yes;  $m\angle KJL, \widehat{JL}$

10)



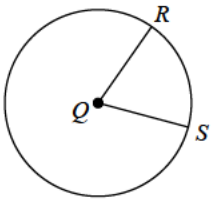
- A) Yes;  $m\angle LKM, \widehat{LKM}$   
 B) Yes;  $m\angle LKM, \widehat{KM}$   
 C) No  
 D) Yes;  $m\angle LKM, \widehat{KL}$

11)



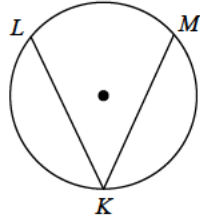
- A) Yes;  $m\angle QPR, \widehat{QPR}$   
 B) No  
 C) Yes;  $m\angle QPR, \widehat{QR}$   
 D) Yes;  $m\angle PQR, \widehat{QPR}$

12)



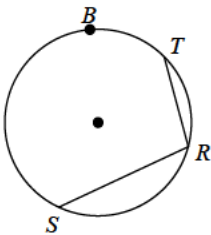
- A) Yes;  $m\angle RQS, \widehat{QR}$   
 B) Yes;  $m\angle QRS, \widehat{RQS}$   
 C) No  
 D) Yes;  $m\angle RQS, \widehat{QS}$

13)



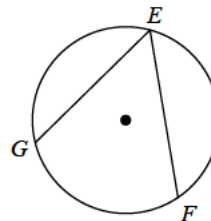
- A) Yes;  $m\angle LKM, \widehat{KM}$   
 B) No  
 C) Yes;  $m\angle LKM, \widehat{LM}$   
 D) Yes;  $m\angle LKM, \widehat{KL}$

14)



- A) Yes;  $m\angle SRT, \widehat{SRT}$   
 B) Yes;  $m\angle SRT, \widehat{SBT}$   
 C) Yes;  $m\angle RST, \widehat{RT}$   
 D) Yes;  $m\angle SRT, \widehat{RS}$

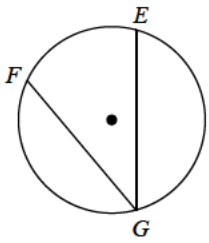
15)



- A) Yes;  $m\angle FEG, \widehat{FEG}$   
 B) No  
 C) Yes;  $m\angle FEG, \widehat{EG}$   
 D) Yes;  $m\angle FEG, \widehat{FG}$

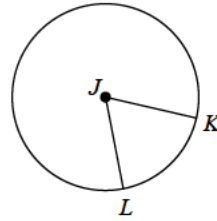


16)



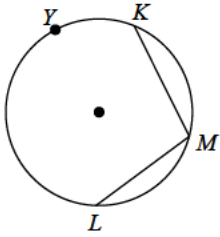
- A) Yes;  $m\angle FGE, \widehat{FE}$
- B) Yes;  $m\angle FGE, \widehat{GF}$
- C) No
- D) Yes;  $m\angle FGE, \widehat{GE}$

17)



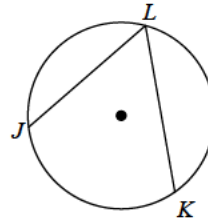
- A) Yes;  $m\angle KJL, \widehat{KJL}$
- B) No
- C) Yes;  $m\angle KJL, \widehat{JK}$
- D) Yes;  $m\angle KJL, \widehat{JL}$

18)



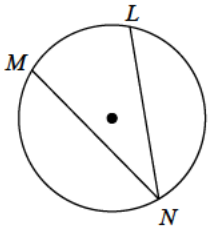
- A) Yes;  $m\angle LMK, \widehat{LMK}$
- B) Yes;  $m\angle LMK, \widehat{LYK}$
- C) No
- D) Yes;  $m\angle LMK, \widehat{ML}$

19)



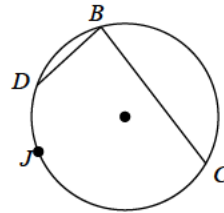
- A) Yes;  $m\angle KLJ, \widehat{LJ}$
- B) Yes;  $m\angle KLJ, \widehat{KLJ}$
- C) Yes;  $m\angle KLJ, \widehat{KJ}$
- D) Yes;  $m\angle KLJ, \widehat{LK}$

20)



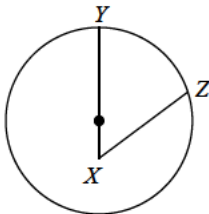
- A) No
- B) Yes;  $m\angle MNL, \widehat{MNL}$
- C) Yes;  $m\angle MNL, \widehat{NM}$
- D) Yes;  $m\angle MNL, \widehat{ML}$

21)



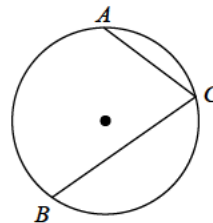
- A) No
- B) Yes;  $m\angle CBD, \widehat{BC}$
- C) Yes;  $m\angle CBD, \widehat{CJD}$
- D) Yes;  $m\angle CBD, \widehat{BD}$

22)



- A) No
- B) Yes;  $m\angle XYZ, \widehat{YZ}$
- C) Yes;  $m\angle YXZ, \widehat{XZ}$
- D) Yes;  $m\angle YXZ, \widehat{YXZ}$

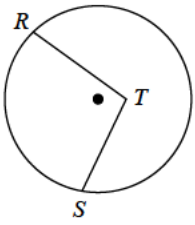
23)



- A) Yes;  $m\angle BCA, \widehat{BA}$
- B) Yes;  $m\angle BCA, \widehat{CB}$
- C) No
- D) Yes;  $m\angle BCA, \widehat{CA}$



24)



- A) Yes;  $m\angle STR, \widehat{TR}$
- B) No
- C) Yes;  $m\angle TSR, \widehat{SR}$
- D) Yes;  $m\angle STR, \widehat{TS}$



## Answers to Assignment (ID: 8)

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

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

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

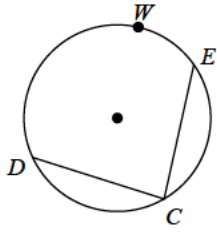
4) C  
8) D  
12) C  
16) A  
20) D  
24) B



Assignment

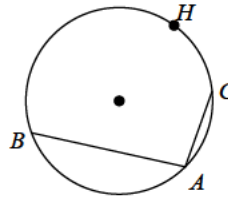
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



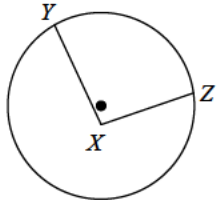
- A) Yes;  $m\angle DCE, \widehat{CE}$
- B) No
- C) Yes;  $m\angle DCE, \widehat{CD}$
- D) Yes;  $m\angle DCE, \widehat{DWE}$

2)



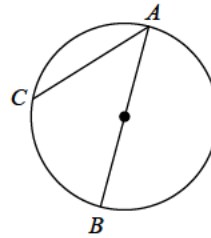
- A) Yes;  $m\angle BAC, \widehat{AB}$
- B) Yes;  $m\angle BAC, \widehat{AC}$
- C) No
- D) Yes;  $m\angle BAC, \widehat{BHC}$

3)



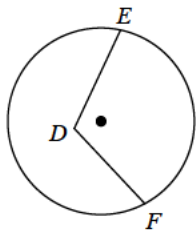
- A) Yes;  $m\angle YXZ, \widehat{XZ}$
- B) Yes;  $m\angle YXZ, \widehat{XY}$
- C) No
- D) Yes;  $m\angle XYZ, \widehat{YXZ}$

4)



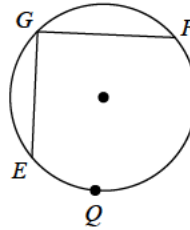
- A) No
- B) Yes;  $m\angle BAC, \widehat{AB}$
- C) Yes;  $m\angle BAC, \widehat{AC}$
- D) Yes;  $m\angle BAC, \widehat{BC}$

5)



- A) Yes;  $m\angle DEF, \widehat{DF}$
- B) Yes;  $m\angle EDF, \widehat{EDF}$
- C) Yes;  $m\angle DEF, \widehat{EDF}$
- D) No

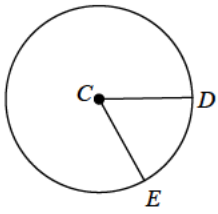
6)



- A) Yes;  $m\angle GFE, \widehat{GF}$
- B) Yes;  $m\angle FGE, \widehat{GF}$
- C) No
- D) Yes;  $m\angle FGE, \widehat{FQE}$

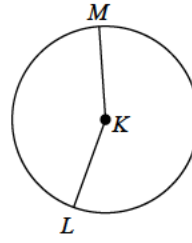


7)



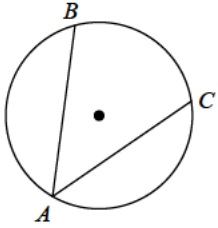
- A) Yes;  $m\angle DCE, \widehat{CE}$   
 B) Yes;  $m\angle DCE, \widehat{CD}$   
 C) Yes;  $m\angle DCE, \widehat{DCE}$   
 D) No

8)



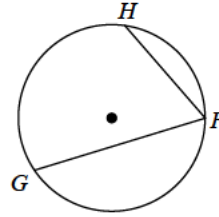
- A) Yes;  $m\angle KLM, \widehat{LM}$   
 B) No  
 C) Yes;  $m\angle LKM, \widehat{KM}$   
 D) Yes;  $m\angle KLM, \widehat{LKM}$

9)



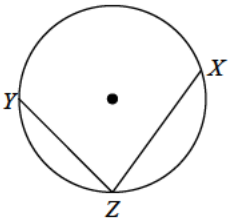
- A) Yes;  $m\angle BAC, \widehat{BC}$   
 B) Yes;  $m\angle BAC, \widehat{AC}$   
 C) Yes;  $m\angle BAC, \widehat{AB}$   
 D) No

10)



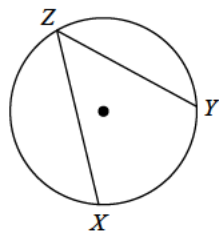
- A) Yes;  $m\angle GFH, \widehat{FG}$   
 B) No  
 C) Yes;  $m\angle GFH, \widehat{GH}$   
 D) Yes;  $m\angle GFH, \widehat{FH}$

11)



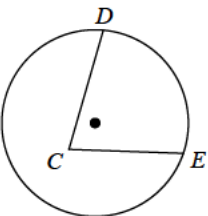
- A) Yes;  $m\angle YZX, \widehat{ZX}$   
 B) Yes;  $m\angle YZX, \widehat{YX}$   
 C) Yes;  $m\angle YZX, \widehat{YZX}$   
 D) No

12)



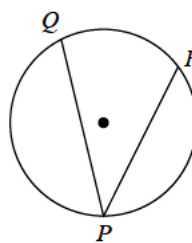
- A) Yes;  $m\angle YZX, \widehat{ZY}$   
 B) No  
 C) Yes;  $m\angle YZX, \widehat{ZX}$   
 D) Yes;  $m\angle YZX, \widehat{YX}$

13)



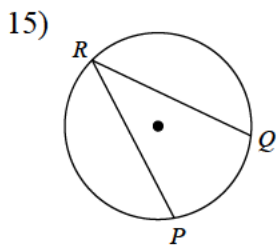
- A) Yes;  $m\angle DCE, \widehat{DCE}$   
 B) Yes;  $m\angle DCE, \widehat{CD}$   
 C) Yes;  $m\angle DCE, \widehat{CE}$   
 D) No

14)

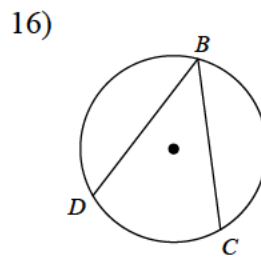


- A) Yes;  $m\angle QPR, \widehat{QPR}$   
 B) Yes;  $m\angle QPR, \widehat{QR}$   
 C) Yes;  $m\angle QPR, \widehat{PR}$   
 D) Yes;  $m\angle QPR, \widehat{PQ}$

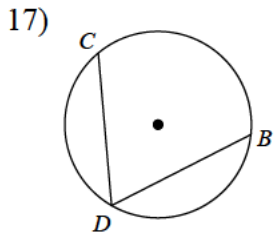




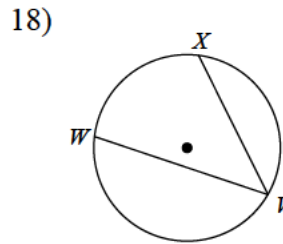
- A) Yes;  $m\angle QRP, \widehat{QP}$
- B) Yes;  $m\angle QRP, \widehat{RQ}$
- C) Yes;  $m\angle QRP, \widehat{QRP}$
- D) No



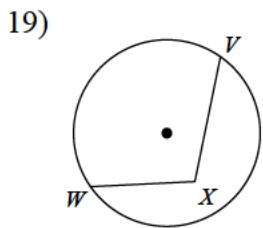
- A) Yes;  $m\angle CBD, \widehat{CD}$
- B) Yes;  $m\angle CBD, \widehat{BD}$
- C) Yes;  $m\angle CBD, \widehat{BC}$
- D) Yes;  $m\angle CBD, \widehat{CBD}$



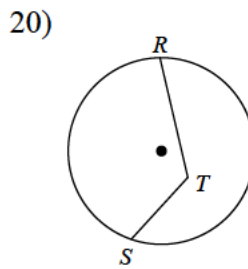
- A) Yes;  $m\angle CDB, \widehat{DC}$
- B) No
- C) Yes;  $m\angle CDB, \widehat{CB}$
- D) Yes;  $m\angle DCB, \widehat{CDB}$



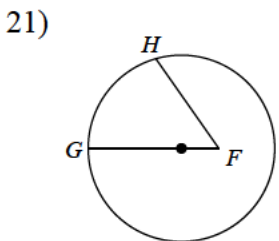
- A) Yes;  $m\angle WVX, \widehat{VW}$
- B) Yes;  $m\angle WVX, \widehat{WX}$
- C) Yes;  $m\angle WVX, \widehat{WVX}$
- D) No



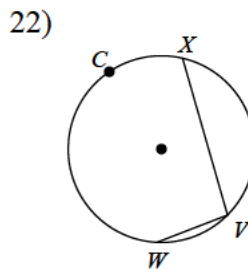
- A) Yes;  $m\angle WXV, \widehat{XV}$
- B) Yes;  $m\angle WXV, \widehat{XW}$
- C) No
- D) Yes;  $m\angle WXV, \widehat{WXV}$



- A) Yes;  $m\angle STR, \widehat{TR}$
- B) Yes;  $m\angle STR, \widehat{STR}$
- C) Yes;  $m\angle STR, \widehat{TS}$
- D) No



- A) Yes;  $m\angle GFH, \widehat{FG}$
- B) Yes;  $m\angle GFH, \widehat{GFH}$
- C) No
- D) Yes;  $m\angle GFH, \widehat{FH}$

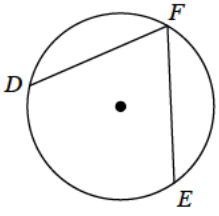


- A) Yes;  $m\angle WVX, \widehat{VX}$
- B) No
- C) Yes;  $m\angle WVX, \widehat{VW}$
- D) Yes;  $m\angle WVX, \widehat{WCX}$



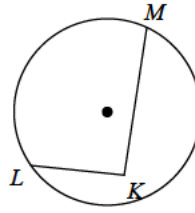


23)



- A) Yes;  $m\angle EFD, \widehat{ED}$
- B) Yes;  $m\angle EFD, \widehat{FE}$
- C) Yes;  $m\angle EFD, \widehat{EFD}$
- D) No

24)



- A) Yes;  $m\angle LKM, \widehat{KL}$
- B) Yes;  $m\angle LKM, \widehat{LKM}$
- C) No
- D) Yes;  $m\angle LKM, \widehat{KM}$



## Answers to Assignment (ID: 9)

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

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

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

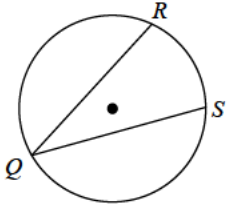
4) D  
8) B  
12) D  
16) A  
20) D  
24) C



Assignment

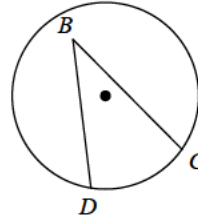
State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

1)



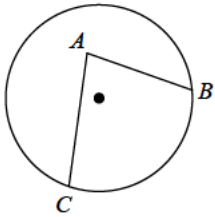
- A) Yes;  $m\angle RQS, \widehat{RS}$
- B) Yes;  $m\angle RQS, \widehat{RQS}$
- C) Yes;  $m\angle RQS, \widehat{QS}$
- D) No

2)



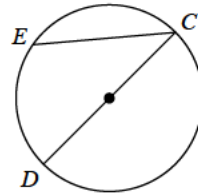
- A) Yes;  $m\angle CBD, \widehat{BD}$
- B) Yes;  $m\angle CBD, \widehat{CBD}$
- C) Yes;  $m\angle CBD, \widehat{BC}$
- D) No

3)



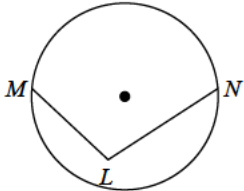
- A) No
- B) Yes;  $m\angle BAC, \widehat{AC}$
- C) Yes;  $m\angle ABC, \widehat{BAC}$
- D) Yes;  $m\angle BAC, \widehat{BAC}$

4)



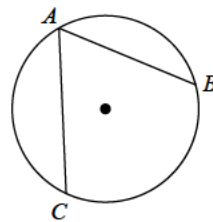
- A) Yes;  $m\angle DCE, \widehat{CD}$
- B) No
- C) Yes;  $m\angle DCE, \widehat{DCE}$
- D) Yes;  $m\angle DCE, \widehat{DE}$

5)



- A) Yes;  $m\angle MLN, \widehat{LN}$
- B) Yes;  $m\angle MLN, \widehat{LM}$
- C) Yes;  $m\angle MLN, \widehat{MLN}$
- D) No

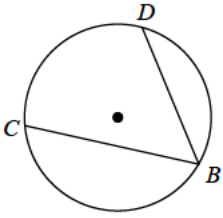
6)



- A) Yes;  $m\angle BAC, \widehat{AB}$
- B) Yes;  $m\angle BAC, \widehat{AC}$
- C) Yes;  $m\angle BAC, \widehat{BC}$
- D) Yes;  $m\angle BAC, \widehat{BAC}$

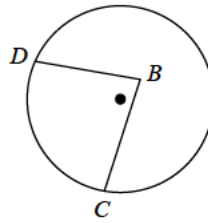


7)



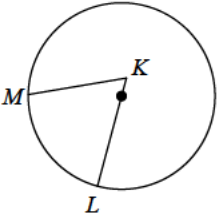
- A) No  
 B) Yes;  $m\angle CBD, \widehat{CD}$   
 C) Yes;  $m\angle CBD, \widehat{BC}$   
 D) Yes;  $m\angle CBD, \widehat{CBD}$

8)



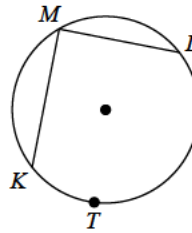
- A) Yes;  $m\angle CBD, \widehat{BC}$   
 B) Yes;  $m\angle CBD, \widehat{CBD}$   
 C) No  
 D) Yes;  $m\angle CBD, \widehat{BD}$

9)



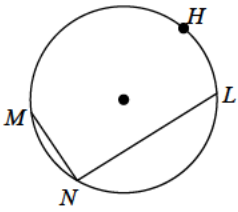
- A) Yes;  $m\angle LKM, \widehat{KL}$   
 B) No  
 C) Yes;  $m\angle LKM, \widehat{KM}$   
 D) Yes;  $m\angle LKM, \widehat{LKM}$

10)



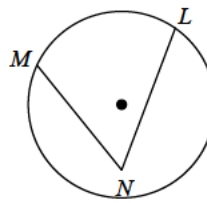
- A) Yes;  $m\angle MLK, \widehat{LK}$   
 B) Yes;  $m\angle LMK, \widehat{MK}$   
 C) Yes;  $m\angle LMK, \widehat{LMK}$   
 D) Yes;  $m\angle LMK, \widehat{LTK}$

11)



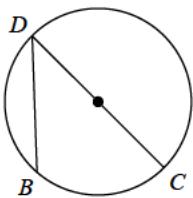
- A) Yes;  $m\angle MNL, \widehat{NM}$   
 B) Yes;  $m\angle MNL, \widehat{MHL}$   
 C) No  
 D) Yes;  $m\angle MNL, \widehat{NL}$

12)



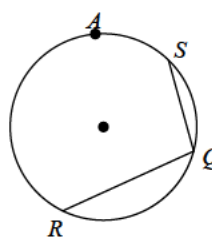
- A) No  
 B) Yes;  $m\angle MNL, \widehat{MNL}$   
 C) Yes;  $m\angle MNL, \widehat{NL}$   
 D) Yes;  $m\angle MNL, \widehat{NM}$

13)



- A) No  
 B) Yes;  $m\angle CDB, \widehat{DC}$   
 C) Yes;  $m\angle CDB, \widehat{CB}$   
 D) Yes;  $m\angle CDB, \widehat{DB}$

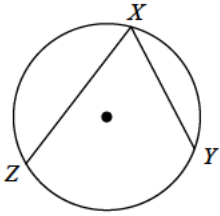
14)



- A) No  
 B) Yes;  $m\angle RQS, \widehat{QR}$   
 C) Yes;  $m\angle RQS, \widehat{QS}$   
 D) Yes;  $m\angle RQS, \widehat{RAS}$

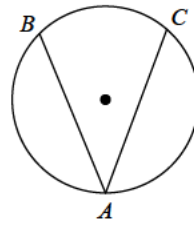


15)



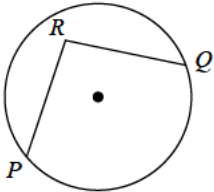
- A) Yes;  $m\angle XYZ, \widehat{YZ}$
- B) Yes;  $m\angle YXZ, \widehat{YZ}$
- C) Yes;  $m\angle YXZ, \widehat{XZ}$
- D) Yes;  $m\angle YXZ, \widehat{XY}$

16)



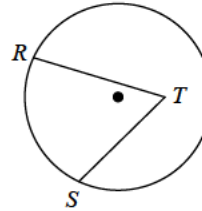
- A) Yes;  $m\angle BAC, \widehat{BC}$
- B) Yes;  $m\angle BAC, \widehat{AB}$
- C) Yes;  $m\angle BAC, \widehat{AC}$
- D) No

17)



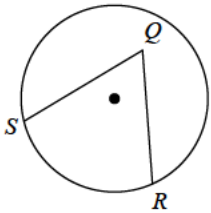
- A) Yes;  $m\angle RQP, \widehat{RQ}$
- B) No
- C) Yes;  $m\angle QRP, \widehat{RQ}$
- D) Yes;  $m\angle QRP, \widehat{QRP}$

18)



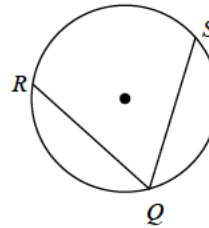
- A) No
- B) Yes;  $m\angle STR, \widehat{TS}$
- C) Yes;  $m\angle STR, \widehat{STR}$
- D) Yes;  $m\angle STR, \widehat{TR}$

19)



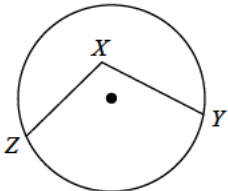
- A) Yes;  $m\angle RQS, \widehat{QS}$
- B) Yes;  $m\angle RQS, \widehat{QR}$
- C) Yes;  $m\angle RQS, \widehat{RQS}$
- D) No

20)



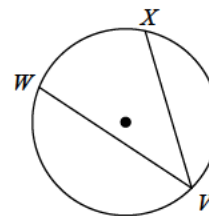
- A) No
- B) Yes;  $m\angle RQS, \widehat{RS}$
- C) Yes;  $m\angle RQS, \widehat{QS}$
- D) Yes;  $m\angle RQS, \widehat{RQS}$

21)



- A) Yes;  $m\angle YXZ, \widehat{YXZ}$
- B) Yes;  $m\angle YXZ, \widehat{XY}$
- C) No
- D) Yes;  $m\angle YXZ, \widehat{XZ}$

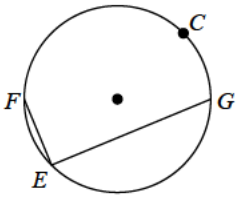
22)



- A) Yes;  $m\angle WVX, \widehat{VX}$
- B) Yes;  $m\angle WVX, \widehat{WX}$
- C) Yes;  $m\angle WVX, \widehat{VW}$
- D) Yes;  $m\angle WVX, \widehat{WVX}$

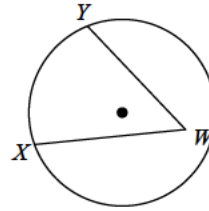


23)



- A) Yes;  $m\angle FEG, \widehat{FCG}$
- B) Yes;  $m\angle FEG, \widehat{FEG}$
- C) Yes;  $m\angle FEG, \widehat{EF}$
- D) No

24)



- A) Yes;  $m\angle XWY, \widehat{WY}$
- B) Yes;  $m\angle WXY, \widehat{XY}$
- C) Yes;  $m\angle WXY, \widehat{WY}$
- D) No



## Answers to Assignment (ID: 10)

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

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

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

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

