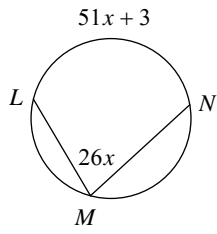


Assignment

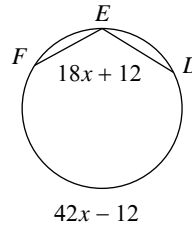
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle NML$



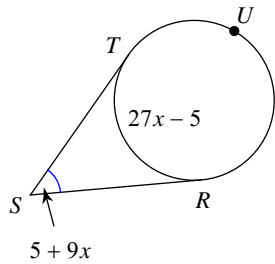
- A) 154°
- B) 133°
- C) 161°
- D) 156°

2) Find $m\widehat{FED}$



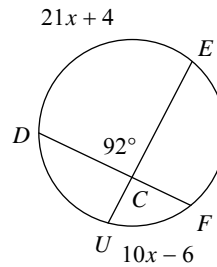
- A) 120°
- B) 95°
- C) 151°
- D) 96°

3) $m\widehat{RUT} = 48x - 10$
Find $m\angle RUT$



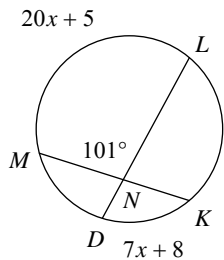
- A) 230°
- B) 191°
- C) 240°
- D) 245°

4) Find $m\widehat{FU}$



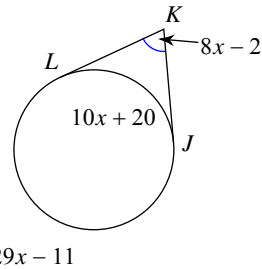
- A) 34°
- B) 79°
- C) 55°
- D) 54°

5) Find $m\widehat{KD}$



- A) 57°
- B) 36°
- C) 35°
- D) 84°

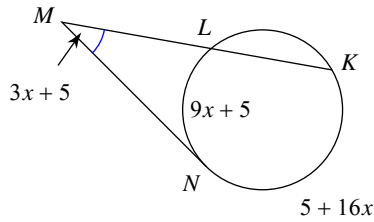
6) Find $m\angle JKL$



- A) 85°
- B) 70°
- C) 88°
- D) 60°

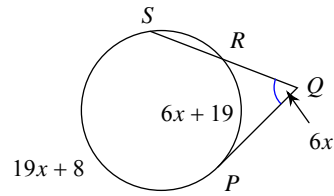


7) Find $m\angle NMK$



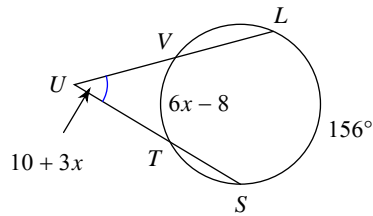
- A) 35° B) 30°
 C) 40° D) 45°

8) Find $m\angle PQS$



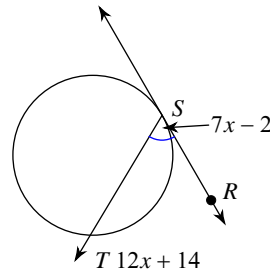
- A) 57° B) 66°
 C) 52° D) 34°

9) Find $m\angle SUL$



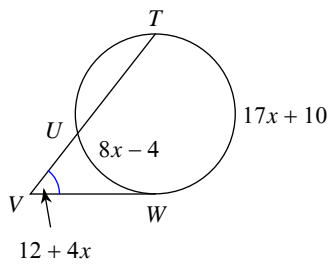
- A) 55° B) 46°
 C) 51° D) 67°

10) Find $m\angle TSR$



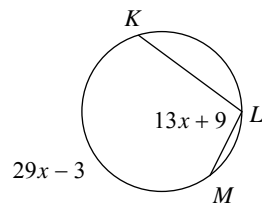
- A) 87° B) 69°
 C) 83° D) 61°

11) Find $m\angle WVT$



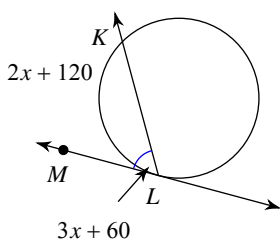
- A) 44° B) 52°
 C) 70° D) 54°

12) Find $m\angle KLM$



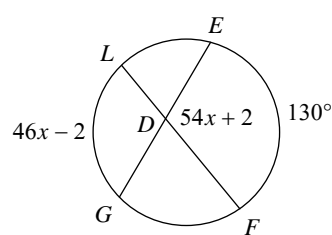
- A) 100° B) 131°
 C) 96° D) 135°

13) Find $m\angle KLM$



- A) 70° B) 60°
 C) 42° D) 65°

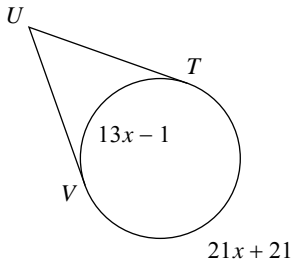
14) Find $m\angle EDF$



- A) 100° B) 92°
 C) 150° D) 110°

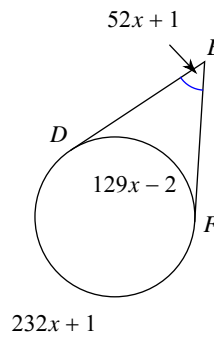


15) Find $m\angle TUV$



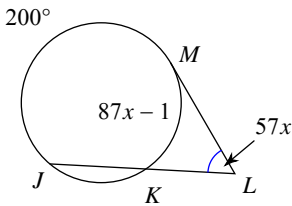
- A) 75° B) 67°
 C) 55° D) 51°

16) Find $m\angle DEF$



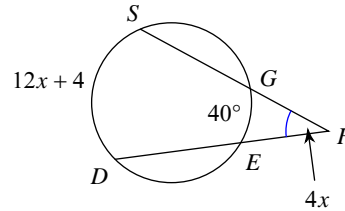
- A) 53° B) 31°
 C) 46° D) 61°

17) Find $m\angle MLJ$



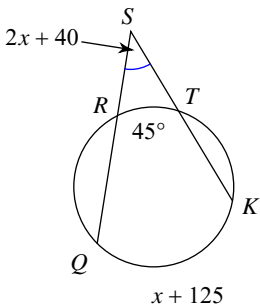
- A) 31° B) 34°
 C) 57° D) 32°

18) Find $m\angle DFS$



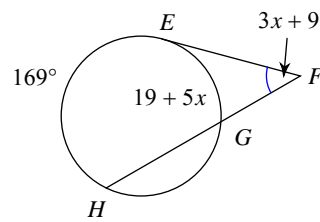
- A) 40° B) 37°
 C) 52° D) 36°

19) Find $m\angle QSK$



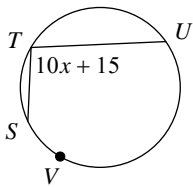
- A) 40° B) 55°
 C) 41° D) 35°

20) Find $m\widehat{HG}$



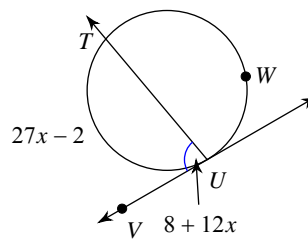
- A) 130° B) 109°
 C) 110° D) 112°

21) $m\widehat{SVU} = 23x + 6$
 Find $m\widehat{SVU}$



- A) 190° B) 240°
 C) 212° D) 185°

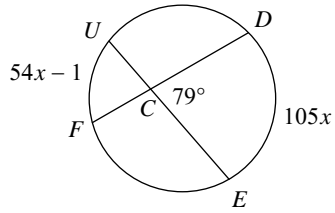
22) Find $m\widehat{TWU}$



- A) 200° B) 205°
 C) 265° D) 219°

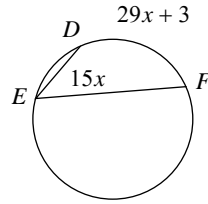


23) Find $m\widehat{DE}$



- A) 160°
- B) 105°
- C) 110°
- D) 130°

24) Find $m\angle FED$



- A) 90°
- B) 130°
- C) 116°
- D) 118°



Answers to Assignment (ID: 1)

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

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

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

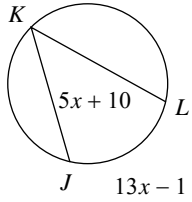
4) D
8) B
12) A
16) A
20) D
24) A



Assignment

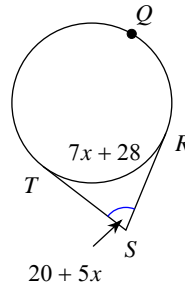
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle JKL$



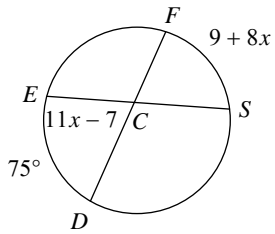
- A) 59°
- B) 90°
- C) 75°
- D) 80°

2) $m\widehat{TQR} = 21x + 24$
Find $m\widehat{TQR}$



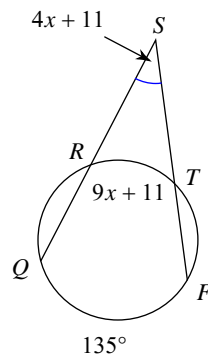
- A) 250°
- B) 200°
- C) 255°
- D) 205°

3) Find $m\widehat{FS}$



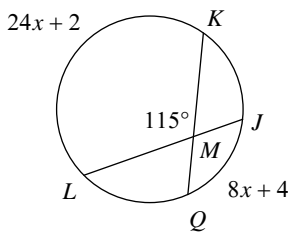
- A) 65°
- B) 45°
- C) 72°
- D) 50°

4) Find $m\widehat{RT}$



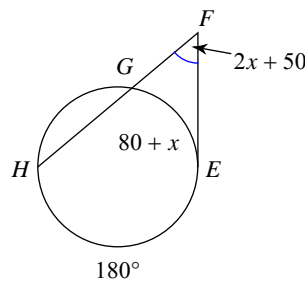
- A) 70°
- B) 80°
- C) 55°
- D) 65°

5) Find $m\widehat{JQ}$



- A) 65°
- B) 35°
- C) 62°
- D) 60°

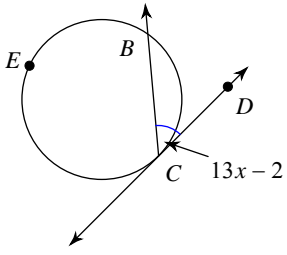
6) Find $m\widehat{HEG}$



- A) 224°
- B) 260°
- C) 241°
- D) 255°

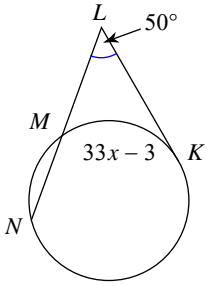


7) $m\widehat{BEC} = 64x + 4$
Find $m\widehat{BEC}$



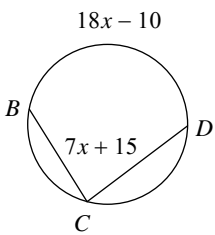
- A) 195° B) 260°
C) 255° D) 210°

9) Find $m\widehat{KM}$



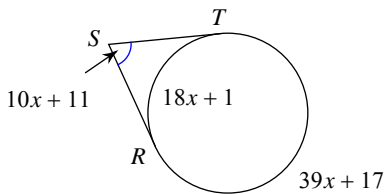
- $33x - 3$
 $-2 + 66x$
A) 137° B) 125°
C) 109° D) 96°

11) Find $m\angle DCB$



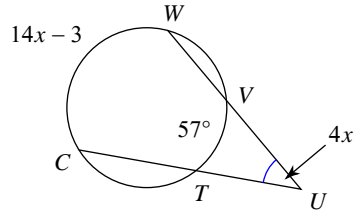
- $7x + 15$
A) 50° B) 75°
C) 85° D) 73°

13) Find $m\angle RST$



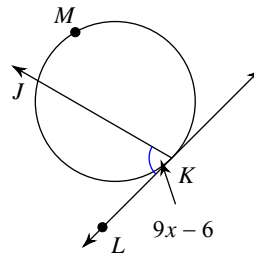
- $18x + 1$
 $39x + 17$
A) 76° B) 71°
C) 55° D) 38°

8) Find $m\widehat{CW}$



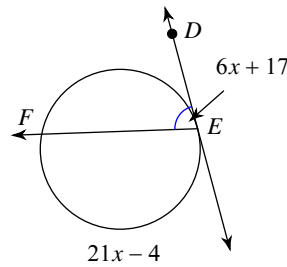
- $14x - 3$
 $4x$
A) 127° B) 137°
C) 154° D) 146°

10) $m\widehat{JMK} = 24x - 6$
Find $m\widehat{JMK}$



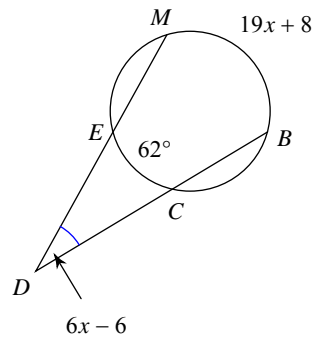
- $9x - 6$
A) 210° B) 235°
C) 185° D) 230°

12) Find $m\angle FED$



- $21x - 4$
A) 77° B) 90°
C) 54° D) 60°

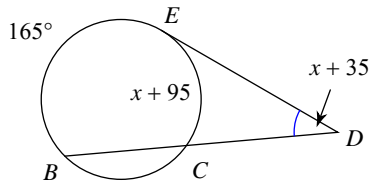
14) Find $m\angle BDM$



- $19x + 8$
 $6x - 6$
A) 35° B) 45°
C) 36° D) 30°

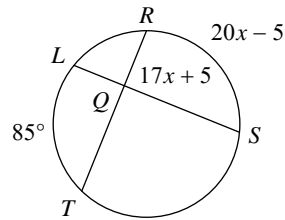


15) Find $m\angle EDB$



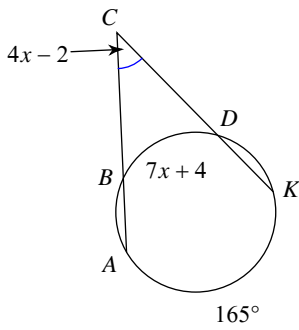
- A) 40° B) 31°
 C) 45° D) 35°

16) Find $m\angle RQS$



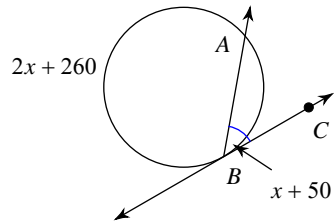
- A) 110° B) 90°
 C) 113° D) 45°

17) Find $m\angle ACK$



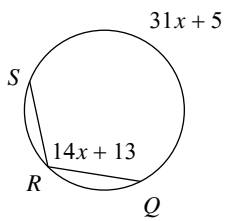
- A) 37° B) 34°
 C) 42° D) 59°

18) Find $m\angle ABC$



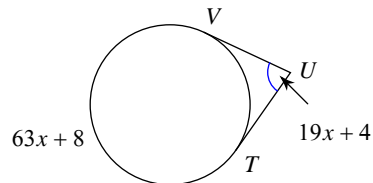
- A) 50° B) 40°
 C) 65° D) 67°

19) Find $m\angle QRS$



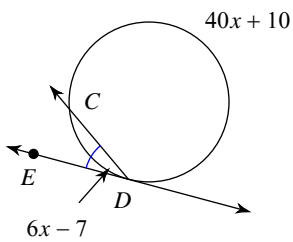
- A) 134° B) 100°
 C) 111° D) 116°

20) Find $m\angle TUV$



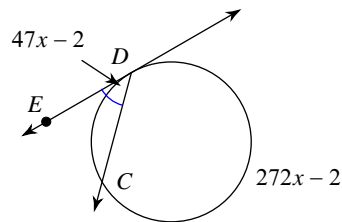
- A) 60° B) 90°
 C) 80° D) 44°

21) Find $m\angle CDE$



- A) 50° B) 38°
 C) 35° D) 45°

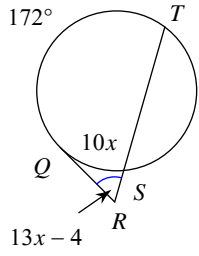
22) Find $m\angle CDE$



- A) 45° B) 55°
 C) 51° D) 70°

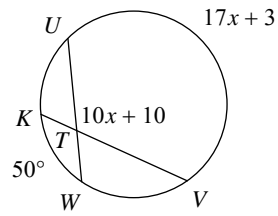


23) Find $m\angle QRT$



- A) 84°
- B) 70°
- C) 61°
- D) 31°

24) Find $m\angle UTV$



- A) 125°
- B) 115°
- C) 120°
- D) 128°



Answers to Assignment (ID: 2)

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

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

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

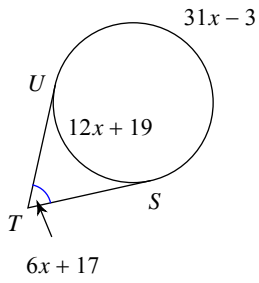
4) D
8) B
12) A
16) B
20) C
24) C



Assignment

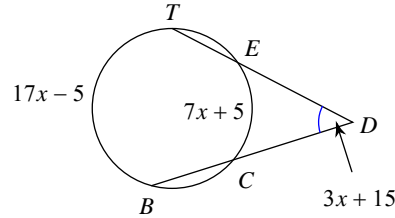
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle STU$



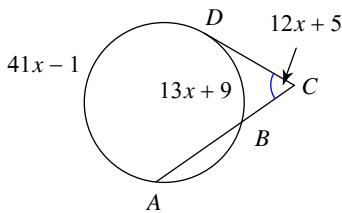
- A) 55°
- B) 45°
- C) 65°
- D) 90°

2) Find $m\angle BDT$



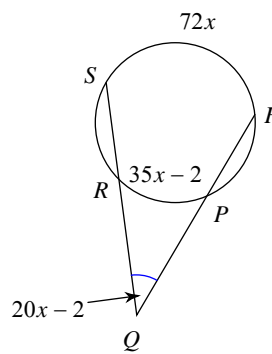
- A) 49°
- B) 60°
- C) 45°
- D) 50°

3) Find $m\widehat{DB}$



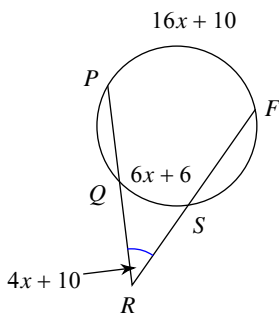
- A) 71°
- B) 61°
- C) 70°
- D) 74°

4) Find $m\widehat{RP}$



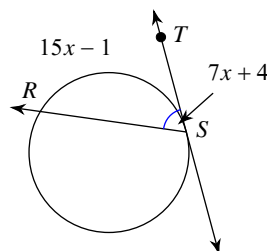
- A) 68°
- B) 85°
- C) 46°
- D) 37°

5) Find $m\widehat{FP}$



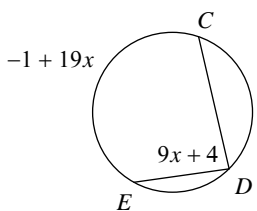
- A) 158°
- B) 124°
- C) 162°
- D) 138°

6) Find $m\widehat{RS}$



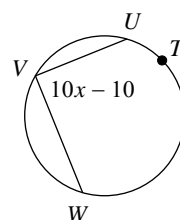
- A) 124°
- B) 163°
- C) 134°
- D) 112°

7) Find $m\widehat{CDE}$



- A) 185°
- B) 229°
- C) 210°
- D) 100°

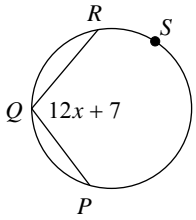
8) $m\widehat{WTU} = 10 + 17x$
Find $m\widehat{WTU}$



- A) 210°
- B) 195°
- C) 180°
- D) 110°

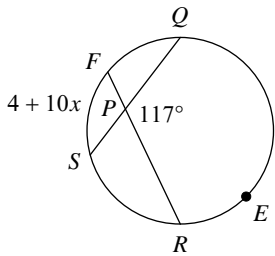


- 9) $m\widehat{PSR} = 25x + 6$
Find $m\widehat{PSR}$



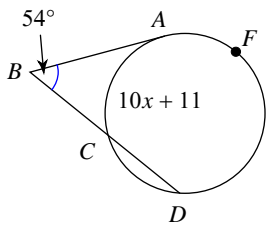
- A) 206° B) 208°
C) 253° D) 182°

- 11) $m\widehat{QER} = 36x$
Find $m\widehat{QER}$



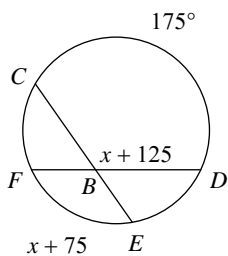
- A) 199° B) 143°
C) 180° D) 195°

- 13) $m\widehat{DFA} = 24x + 7$
Find $m\widehat{DFA}$



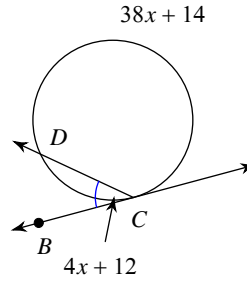
- A) 196° B) 262°
C) 199° D) 204°

- 15) Find $m\widehat{EF}$

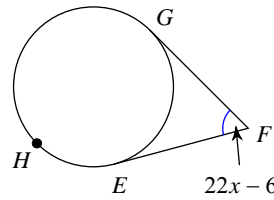


- A) 75° B) 40°
C) 90° D) 65°

- 10) Find $m\widehat{DC}$

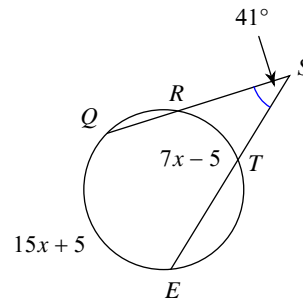


- A) 86° B) 80°
C) 45° D) 70°
- 12) $m\widehat{EHG} = 81x - 3$
Find $m\widehat{EHG}$



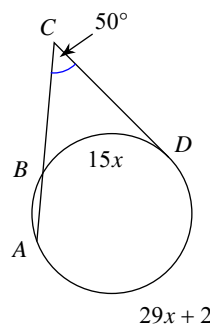
- A) 243° B) 220°
C) 240° D) 252°

- 14) Find $m\widehat{EQ}$



- A) 140° B) 170°
C) 120° D) 110°

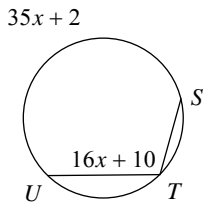
- 16) Find $m\widehat{DB}$



- A) 147° B) 121°
C) 110° D) 105°

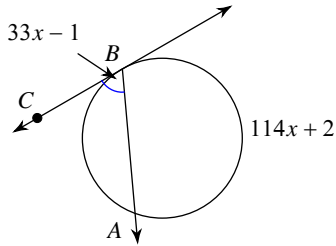


17) Find $m\angle STU$



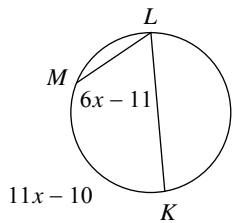
- A) 121° B) 108°
 C) 101° D) 106°

19) Find $m\angle ABC$



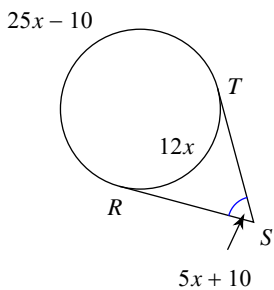
- A) 63° B) 65°
 C) 55° D) 40°

21) Find $m\angle MLK$



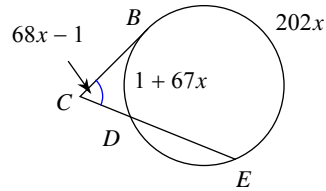
- A) 86° B) 56°
 C) 61° D) 31°

23) Find $m\angle RST$



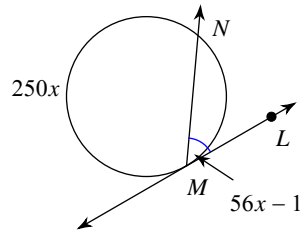
- A) 33° B) 80°
 C) 48° D) 60°

18) Find $m\widehat{ED}$



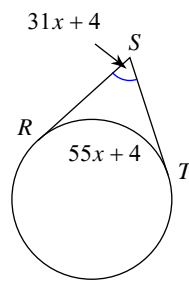
- A) 90° B) 80°
 C) 58° D) 60°

20) Find $m\angle NML$



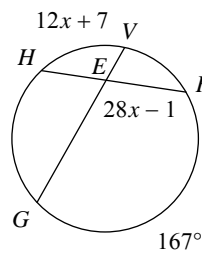
- A) 55° B) 35°
 C) 70° D) 50°

22) Find $m\angle RST$



- A) 70° B) 77°
 C) 66° D) 68°

24) Find $m\angle FEG$



- A) 111° B) 121°
 C) 105° D) 155°



Answers to Assignment (ID: 3)

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

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

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

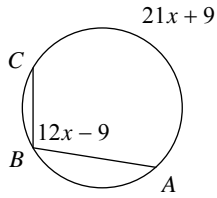
4) A
8) C
12) C
16) D
20) A
24) A



Assignment

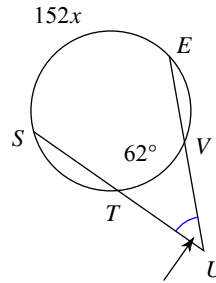
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle ABC$



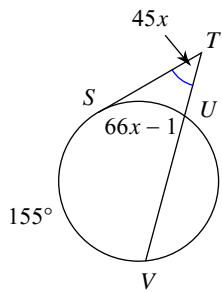
- A) 134°
- B) 99°
- C) 117°
- D) 127°

2) Find $m\angle SUE$



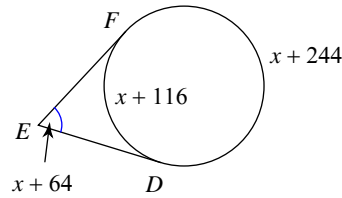
- A) 55°
- B) 40°
- C) 45°
- D) 50°

3) Find $m\angle STV$



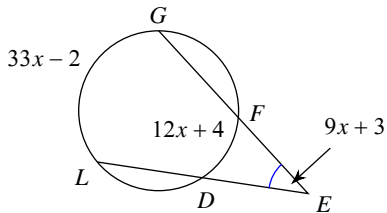
- A) 33°
- B) 45°
- C) 38°
- D) 50°

4) Find $m\angle DEF$



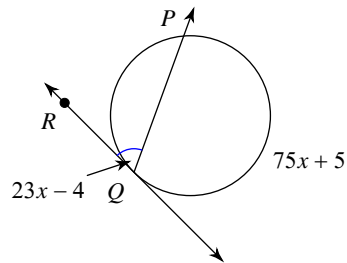
- A) 85°
- B) 50°
- C) 48°
- D) 64°

5) Find $m\angle GEL$



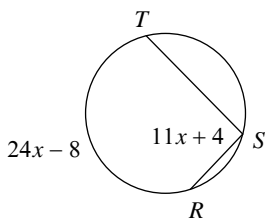
- A) 33°
- B) 47°
- C) 39°
- D) 53°

6) Find $m\angle PQR$



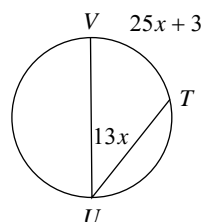
- A) 65°
- B) 69°
- C) 75°
- D) 51°

7) Find $m\angle TSR$



- A) 131°
- B) 107°

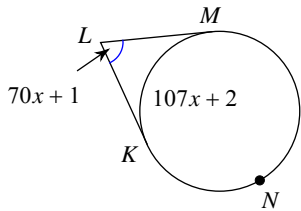
8) Find $m\angle TUV$



- A) 39°
- B) 33°
- C) 42°
- D) 58°

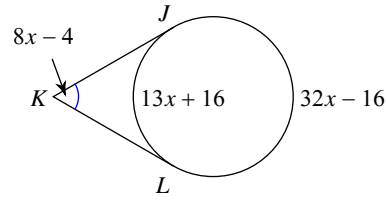


9) $m\widehat{KNM} = 253x - 2$
Find $m\widehat{KNM}$



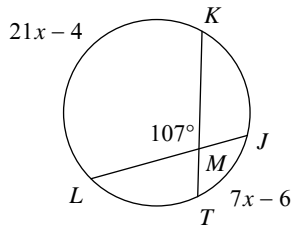
- A) 224° B) 199°
C) 251° D) 267°

10) Find $m\widehat{JL}$



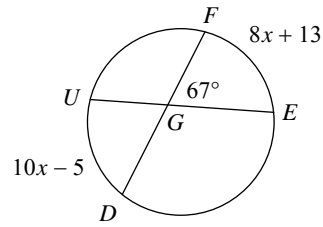
- A) 115° B) 161°
C) 135° D) 120°

11) Find $m\widehat{LK}$



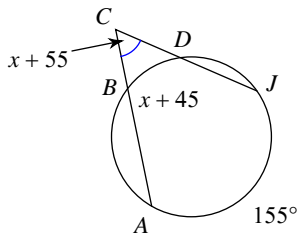
- A) 164° B) 111°
C) 112° D) 107°

12) Find $m\widehat{DU}$



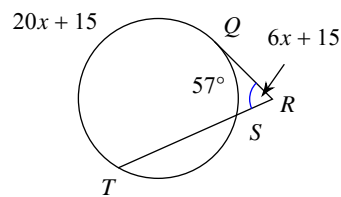
- A) 65° B) 50°
C) 81° D) 61°

13) Find $m\widehat{BD}$



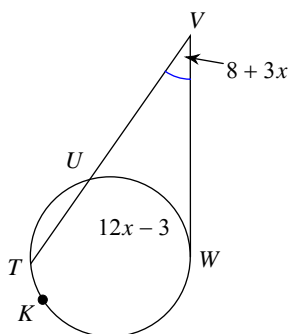
- A) 65° B) 40°
C) 45° D) 70°

14) Find $m\widehat{TQS}$



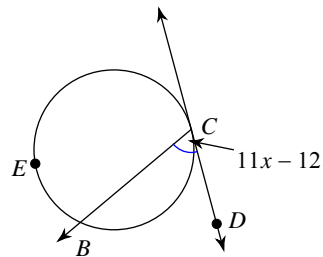
- A) 235° B) 252°
C) 226° D) 240°

15) $m\widehat{TKW} = 19x + 4$
Find $m\widehat{TKW}$



- A) 175° B) 164°
C) 130° D) 152°

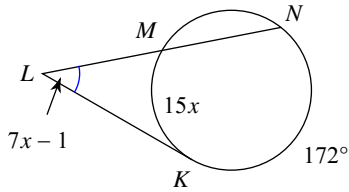
16) $m\widehat{BEC} = 6 + 32x$
Find $m\widehat{BEC}$



- A) 225° B) 205°
C) 230° D) 235°

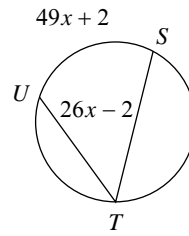


17) Find $m\widehat{NM}$



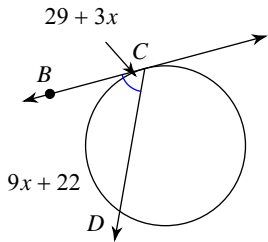
- A) 98° B) 134°
 C) 112° D) 93°

18) Find $m\angle STU$



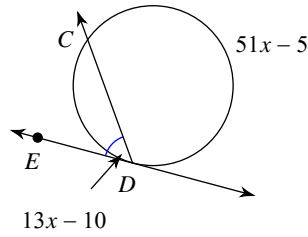
- A) 100° B) 145°
 C) 106° D) 150°

19) Find $m\widehat{DC}$



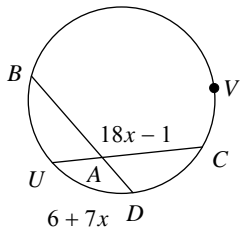
- A) 91° B) 130°
 C) 115° D) 102°

20) Find $m\widehat{CD}$



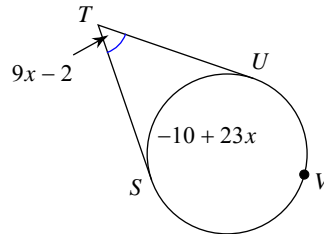
- A) 110° B) 90°
 C) 160° D) 97°

21) $m\widehat{BVC} = 26x + 13$
 Find $m\widehat{BVC}$



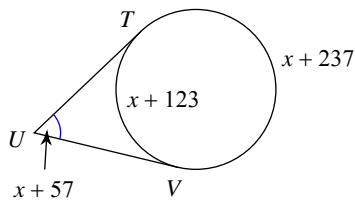
- A) 196° B) 195°
 C) 193° D) 240°

22) $m\widehat{SVU} = 16 + 36x$
 Find $m\widehat{SVU}$



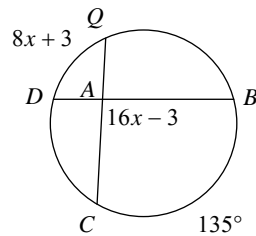
- A) 232° B) 225°
 C) 191° D) 206°

23) Find $m\widehat{VT}$



- A) 123° B) 92°
 C) 163° D) 148°

24) Find $m\widehat{DQ}$



- A) 40° B) 70°
 C) 51° D) 52°



Answers to Assignment (ID: 4)

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

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

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

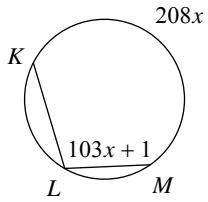
4) D
8) A
12) A
16) C
20) A
24) C



Assignment

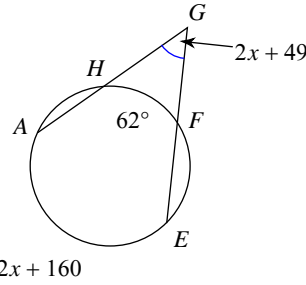
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle MLK$



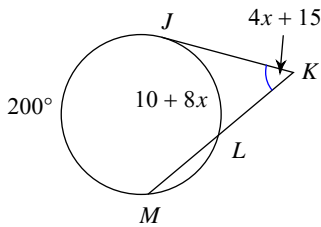
- A) 104°
- B) 121°
- C) 93°
- D) 94°

2) Find $m\angle EGA$



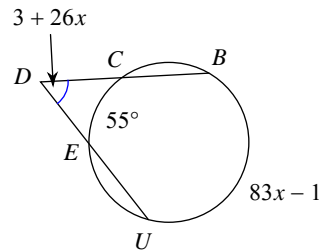
- A) 62°
- B) 34°
- C) 49°
- D) 50°

3) Find $m\angle JKM$



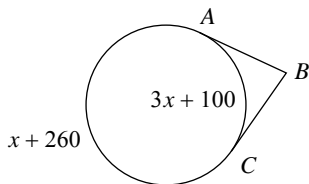
- A) 50°
- B) 55°
- C) 65°
- D) 69°

4) Find $m\angle BDU$



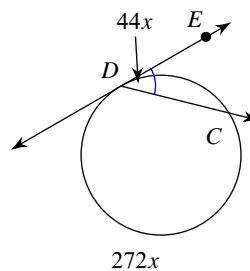
- A) 40°
- B) 55°
- C) 45°
- D) 80°

5) Find $m\angle ABC$



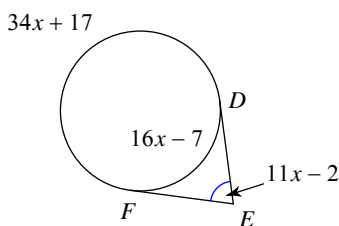
- A) 80°
- B) 55°
- C) 75°
- D) 70°

6) Find $m\angle CDE$



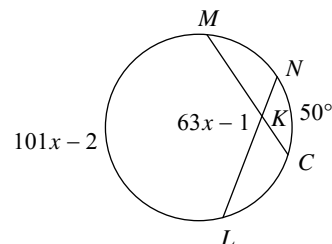
- A) 51°
- B) 41°
- C) 38°
- D) 44°

7) Find $m\angle DEF$



- A) 75°
- B) 65°
- C) 60°
- D) 50°

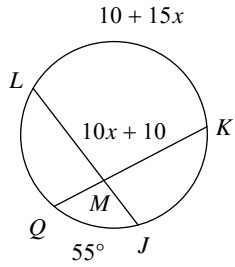
8) Find $m\angle LKM$



- A) 100°
- B) 125°
- C) 155°
- D) 123°

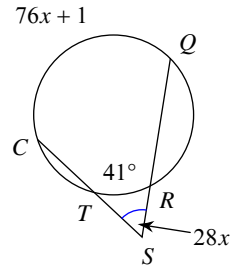


9) Find $m\angle LMK$



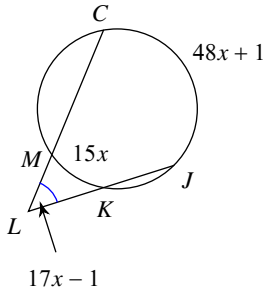
- A) 140° B) 129°
 C) 90° D) 100°

10) Find $m\angle QSC$



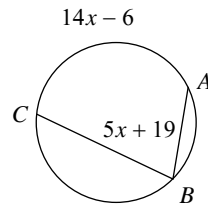
- A) 56° B) 72°
 C) 80° D) 66°

11) Find $m\angle JLC$



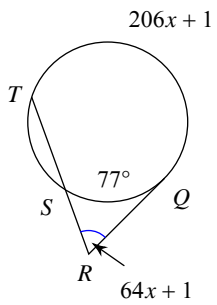
- A) 37° B) 55°
 C) 50° D) 52°

12) Find $m\angle ABC$



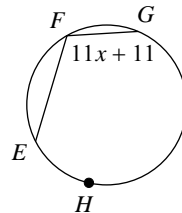
- A) 38° B) 52°
 C) 62° D) 74°

13) Find $m\angle QRT$



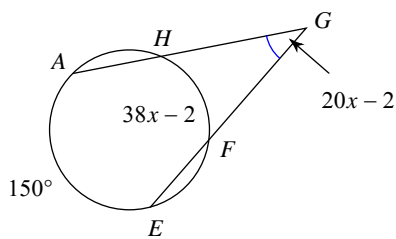
- A) 57° B) 55°
 C) 65° D) 80°

14) $m\widehat{EHG} = 25x - 5$
 Find $m\angle EHG$



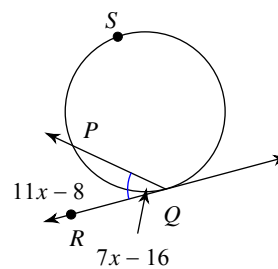
- A) 245° B) 190°
 C) 237° D) 220°

15) Find $m\angle EGA$



- A) 43° B) 38°
 C) 57° D) 42°

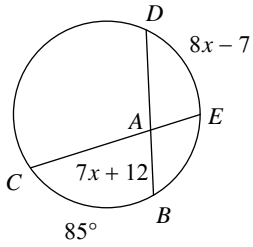
16) Find $m\widehat{PSQ}$



- A) 260° B) 245°
 C) 280° D) 235°

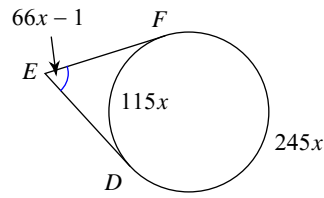


17) Find $m\widehat{DE}$



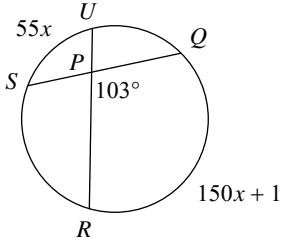
- A) 41° B) 70°
 C) 45° D) 65°

18) Find $m\widehat{FD}$



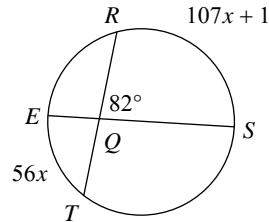
- A) 95° B) 110°
 C) 135° D) 115°

19) Find $m\widehat{QR}$



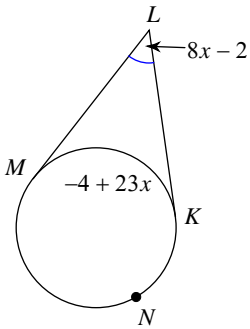
- A) 151° B) 108°
 C) 107° D) 175°

20) Find $m\widehat{RS}$



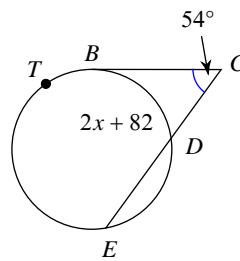
- A) 92° B) 141°
 C) 124° D) 108°

21) $m\widehat{KNM} = 35x + 16$
 Find $m\widehat{KNM}$



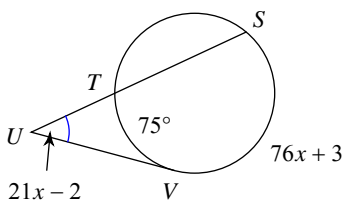
- A) 247° B) 226°
 C) 196° D) 244°

22) $m\widehat{ETB} = x + 190$
 Find $m\widehat{ETB}$



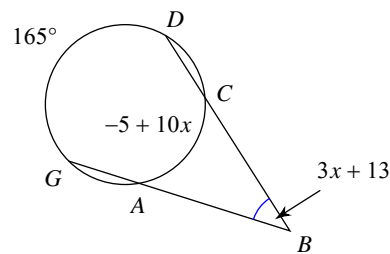
- A) 205° B) 198°
 C) 190° D) 265°

23) Find $m\widehat{SV}$



- A) 152° B) 155°
 C) 145° D) 120°

24) Find $m\widehat{CA}$



- A) 84° B) 60°
 C) 85° D) 49°



Answers to Assignment (ID: 5)

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

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

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

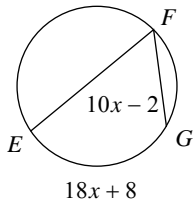
4) B
8) B
12) D
16) C
20) D
24) C



Assignment

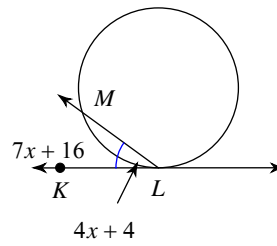
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle EFG$



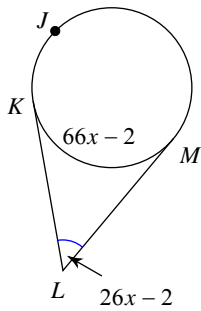
- A) 116°
- B) 135°
- C) 162°
- D) 91°

2) Find $m\widehat{ML}$



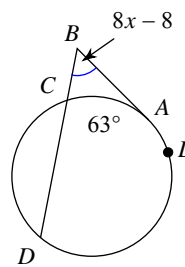
- A) 41°
- B) 72°
- C) 45°
- D) 40°

3) $m\widehat{MJK} = 116x - 2$
Find $m\widehat{MJK}$



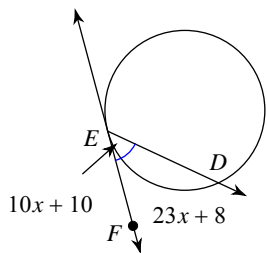
- A) 230°
- B) 200°
- C) 234°
- D) 270°

4) $m\widehat{DLA} = -1 + 22x$
Find $m\widehat{DLA}$



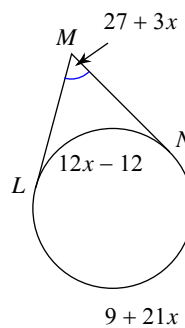
- A) 168°
- B) 144°
- C) 175°
- D) 105°

5) Find $m\widehat{DE}$



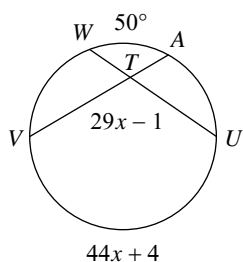
- A) 115°
- B) 100°
- C) 90°
- D) 94°

6) Find $m\angle NML$

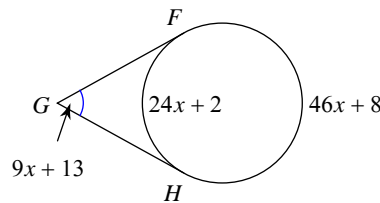


- A) 33°
- B) 38°
- C) 32°
- D) 60°

7) Find $m\angle UTV$



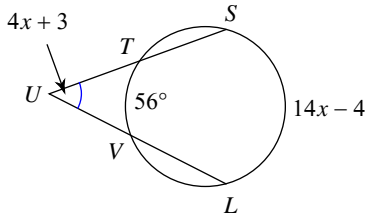
8) Find $m\angle HGF$



- A) 43°
- B) 71°
- C) 44°
- D) 58°

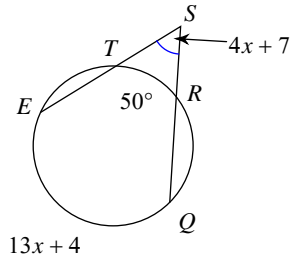


9) Find $m\angle SUL$



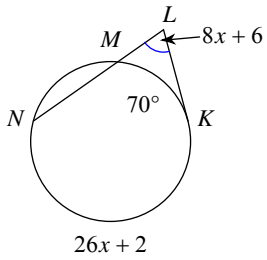
- A) 47° B) 44°
 C) 62° D) 71°

10) Find $m\angle QSE$



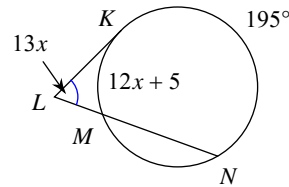
- A) 40° B) 55°
 C) 70° D) 62°

11) Find $m\angle KLN$



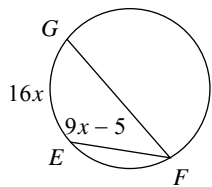
- A) 50° B) 70°
 C) 60° D) 55°

12) Find $m\angle KLN$



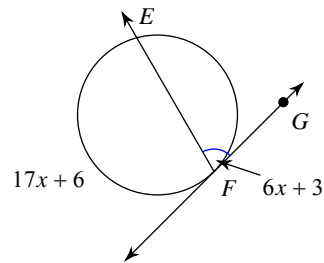
- A) 90° B) 50°
 C) 65° D) 75°

13) Find $m\angle GFE$



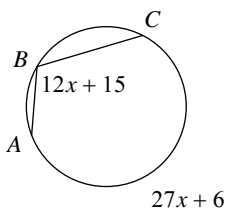
- A) 55° B) 50°
 C) 40° D) 36°

14) Find $m\angle EFG$



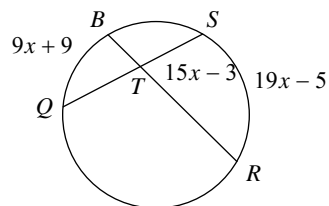
- A) 75° B) 45°
 C) 67° D) 85°

15) Find $m\angle ABC$



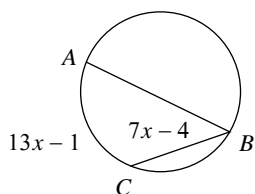
- A) 111° B) 95°
 C) 108° D) 97°

16) Find $m\angle STR$



- A) 72° B) 61°
 C) 75° D) 50°

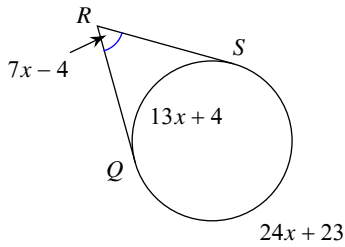
17) Find $m\angle ABC$



- A) 45° B) 52°

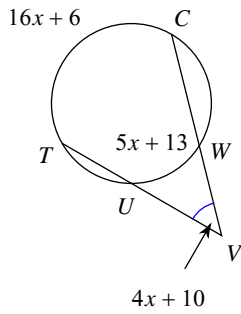


18) Find $m\angle QRS$



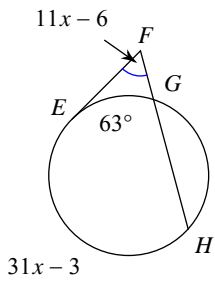
- A) 48° B) 32°
 C) 60° D) 59°

20) Find $m\widehat{UW}$



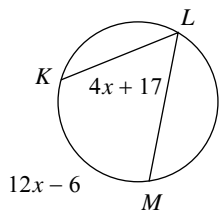
- A) 42° B) 58°
 C) 76° D) 47°

22) Find $m\widehat{HEG}$



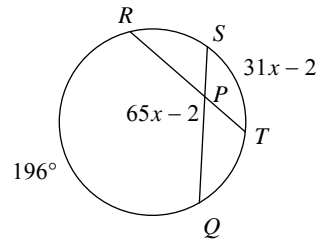
- A) 238° B) 228°
 C) 222° D) 246°

24) Find $m\angle KLM$



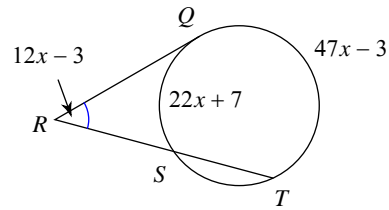
- A) 149° B) 104°
 C) 146° D) 114°

19) Find $m\angle QPR$



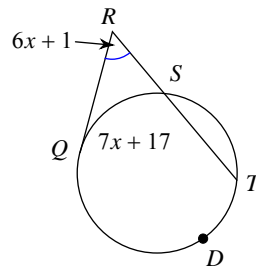
- A) 129° B) 128°
 C) 168° D) 116°

21) Find $m\angle QRT$



- A) 50° B) 45°
 C) 68° D) 59°

23) $m\widehat{TDQ} = 22x - 8$
 Find $m\widehat{TDQ}$



- A) 210° B) 260°
 C) 190° D) 250°



Answers to Assignment (ID: 6)

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

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

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

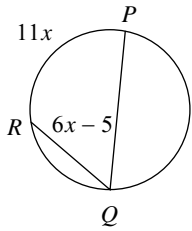
- 4) C
- 8) D
- 12) C
- 16) A
- 20) B
- 24) D



Assignment

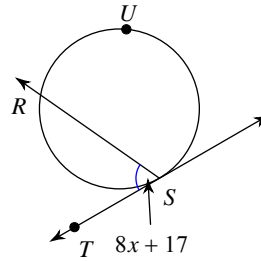
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle PQR$



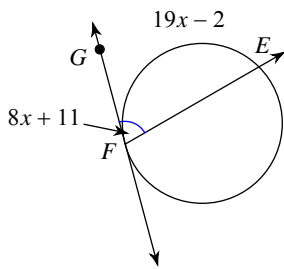
- A) 110°
- B) 121°
- C) 100°
- D) 155°

2) $m\widehat{RUS} = 37x + 8$
Find $m\widehat{RUS}$



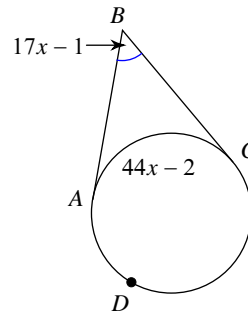
- A) 250°
- B) 213°
- C) 230°
- D) 195°

3) Find $m\widehat{EF}$



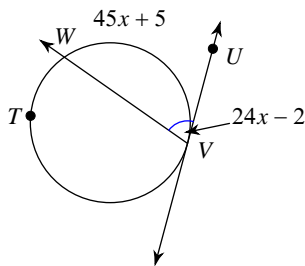
- A) 150°
- B) 115°
- C) 165°
- D) 130°

4) $m\widehat{ADC} = 75x + 5$
Find $m\widehat{ADC}$



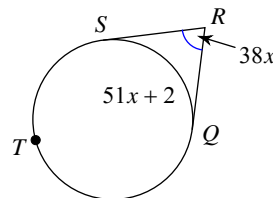
- A) 240°
- B) 267°
- C) 257°
- D) 230°

5) Find $m\widehat{WTV}$



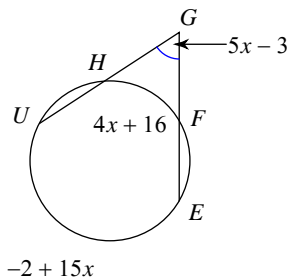
- A) 191°
- B) 260°
- C) 220°
- D) 261°

6) $m\widehat{QTS} = 129x - 2$
Find $m\widehat{QTS}$

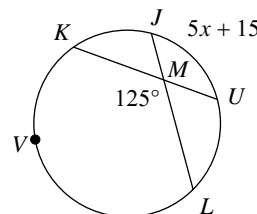


- A) 260°
- B) 256°
- C) 209°
- D) 249°

7) Find $m\widehat{FH}$



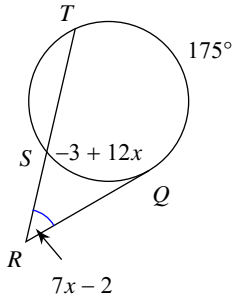
8) $m\widehat{LVK} = 22x - 8$
Find $m\widehat{LVK}$



- A) 205°
- B) 190°
- C) 250°
- D) 188°

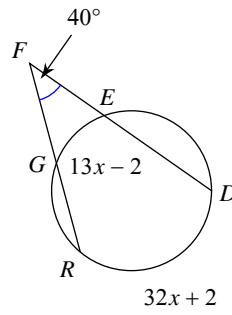


9) Find $m\widehat{TQS}$



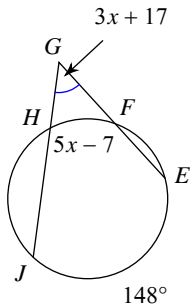
- A) 181° B) 224°
 C) 256° D) 235°

10) Find $m\widehat{EG}$



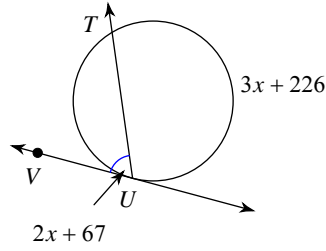
- A) 43° B) 35°
 C) 50° D) 60°

11) Find $m\widehat{FH}$



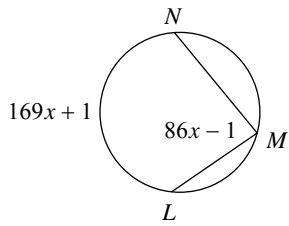
- A) 50° B) 60°
 C) 48° D) 63°

12) Find $m\widehat{TU}$



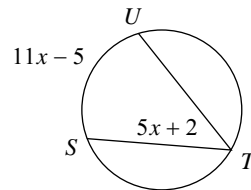
- A) 134° B) 115°
 C) 106° D) 116°

13) Find $m\angle NML$



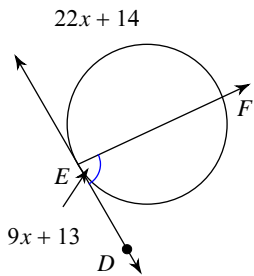
- A) 74° B) 85°
 C) 55° D) 80°

14) Find $m\angle UTS$



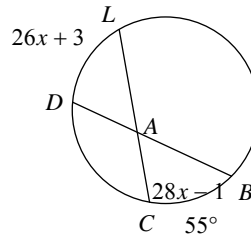
- A) 33° B) 40°
 C) 47° D) 69°

15) Find $m\angle FED$



- A) 64° B) 85°
 C) 56° D) 84°

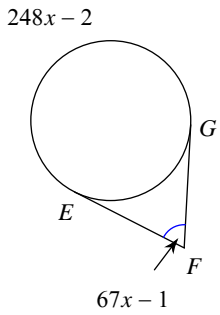
16) Find $m\angle BAC$



- A) 66° B) 45°
 C) 30° D) 55°

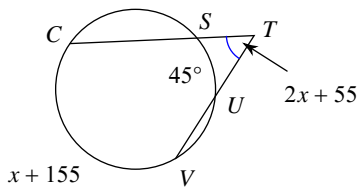


17) Find $m\angle EFG$



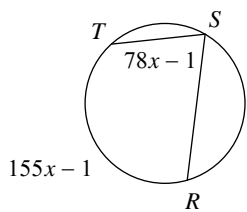
- A) 42° B) 66°
 C) 68° D) 37°

19) Find $m\angle VTC$



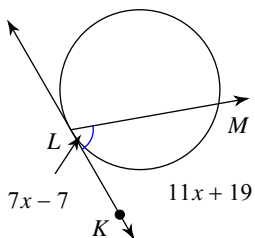
- A) 55° B) 83°
 C) 45° D) 65°

21) Find $m\angle TSR$



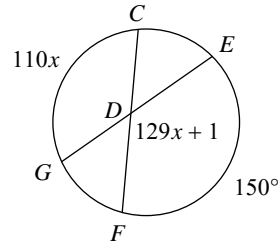
- A) 77° B) 62°
 C) 56° D) 68°

23) Find $m\angle MLK$



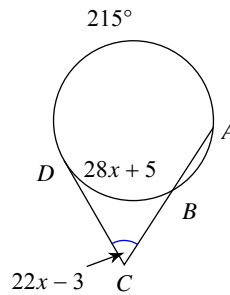
- A) 55° B) 65°
 C) 60° D) 70°

18) Find $m\angle EDF$



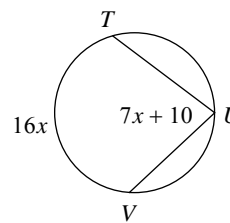
- A) 130° B) 120°
 C) 170° D) 140°

20) Find $m\angle DCA$



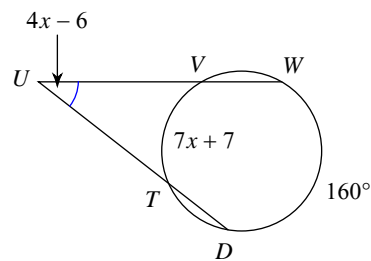
- A) 49° B) 63°
 C) 34° D) 39°

22) Find $m\angle TUV$



- A) 79° B) 80°
 C) 50° D) 90°

24) Find $m\angle WUD$



- A) 38° B) 35°
 C) 52° D) 34°



Answers to Assignment (ID: 7)

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

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

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

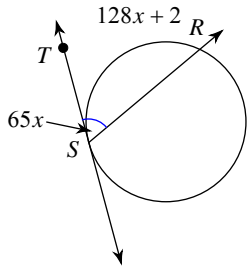
4) D
8) B
12) A
16) D
20) B
24) A



Assignment

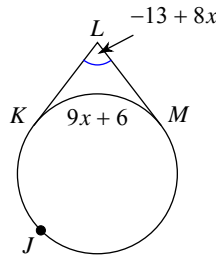
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle RST$



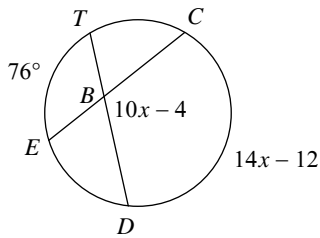
- A) 45°
- B) 65°
- C) 84°
- D) 85°

2) $m\widehat{MJK} = 22x + 13$
Find $m\widehat{MJK}$



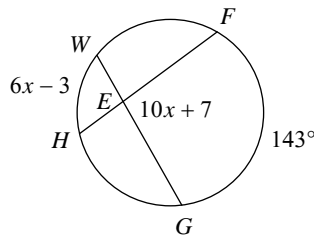
- A) 216°
- B) 210°
- C) 255°
- D) 230°

3) Find $m\angle CBD$



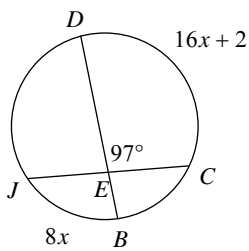
- A) 94°
- B) 116°
- C) 97°
- D) 140°

4) Find $m\angle FEG$



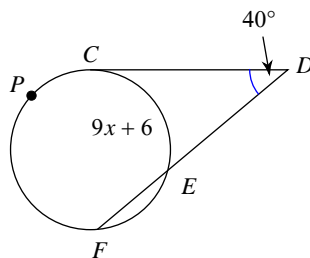
- A) 110°
- B) 133°
- C) 97°
- D) 100°

5) Find $m\widehat{BJ}$



- A) 46°
- B) 55°
- C) 64°
- D) 65°

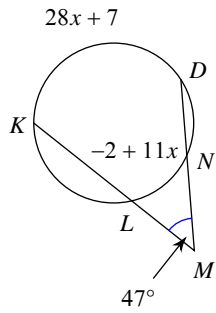
6) $m\widehat{FPC} = 17x - 2$
Find $m\widehat{FPC}$



- A) 185°
- B) 245°
- C) 225°
- D) 215°

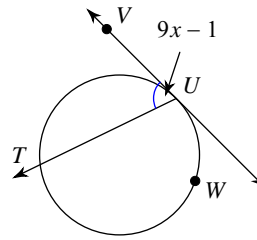


7) Find $m\widehat{LN}$



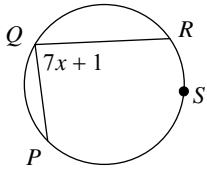
- A) 50° B) 36°
C) 35° D) 53°

8) $m\widehat{TWU} = 26x + 10$
Find $m\widehat{TWU}$



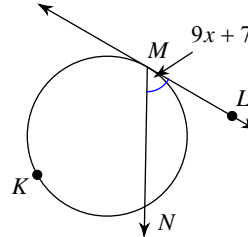
- A) 218° B) 242°
C) 268° D) 260°

9) $m\widehat{PSR} = 15x - 10$
Find $m\widehat{PSR}$



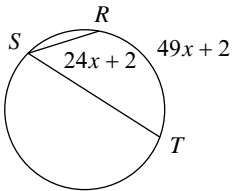
- A) 145° B) 155°
C) 170° D) 150°

10) $m\widehat{NKM} = -8 + 41x$
Find $m\widehat{NKM}$



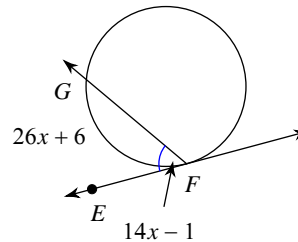
- A) 269° B) 238°
C) 249° D) 234°

11) Find $m\angle TSR$



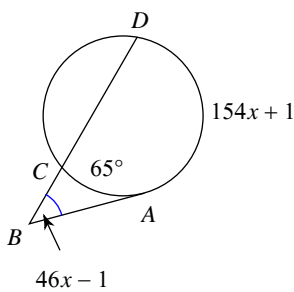
- A) 120° B) 97°
C) 100° D) 125°

12) Find $m\widehat{GF}$



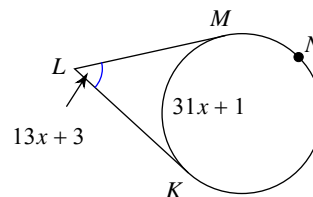
- A) 130° B) 106°
C) 137° D) 110°

13) Find $m\widehat{DA}$



- A) 155° B) 108°
C) 170° D) 150°

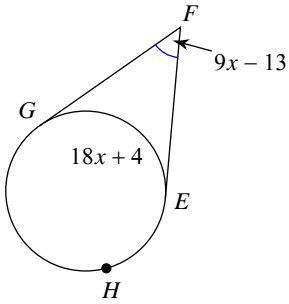
14) $m\widehat{KNM} = 11 + 56x$
Find $m\widehat{KNM}$



- A) 195° B) 235°
C) 230° D) 260°

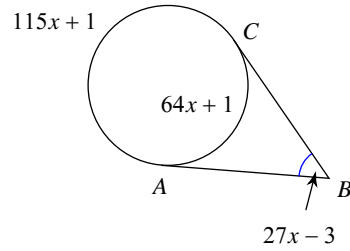


15) $m\widehat{EHG} = 31x + 13$
Find $m\widehat{EHG}$



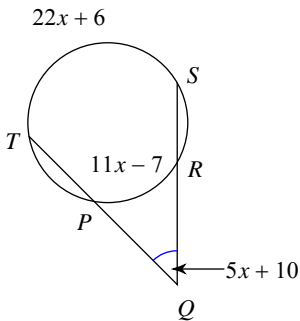
- A) 210° B) 224°
C) 230° D) 238°

16) Find $m\widehat{AC}$



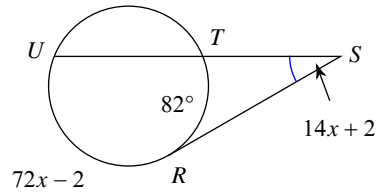
- A) 95° B) 105°
C) 129° D) 158°

17) Find $m\widehat{TS}$



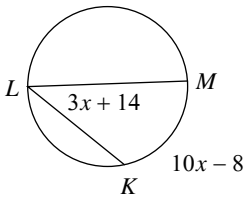
- A) 177° B) 160°
C) 175° D) 129°

18) Find $m\angle RSU$



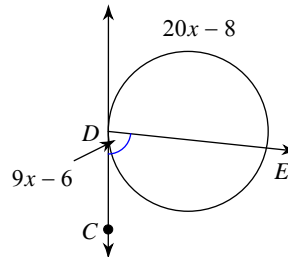
- A) 31° B) 30°
C) 35° D) 45°

19) Find $m\angle KLM$



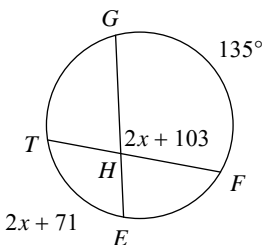
- A) 62° B) 55°
C) 53° D) 41°

20) Find $m\angle EDC$



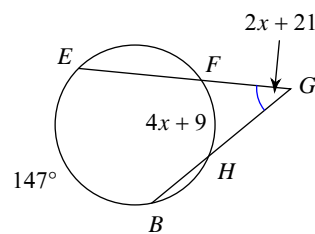
- A) 85° B) 84°
C) 63° D) 68°

21) Find $m\widehat{ET}$



- A) 49° B) 66°
C) 64° D) 71°

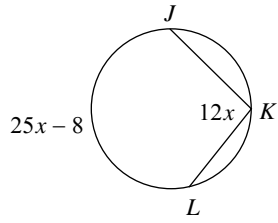
22) Find $m\angle EGB$



- A) 60° B) 54°
C) 43° D) 45°

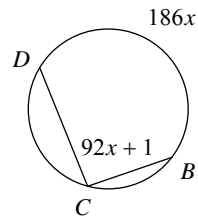


23) Find $m\angle JKL$



- A) 96°
- B) 103°
- C) 95°
- D) 128°

24) Find $m\angle BCD$



- A) 113°
- B) 93°
- C) 124°
- D) 103°



Answers to Assignment (ID: 8)

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

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

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

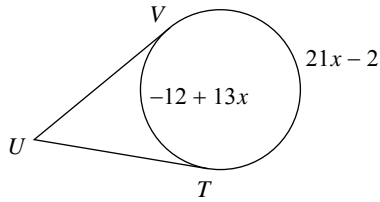
4) C
8) A
12) D
16) C
20) B
24) B



Assignment

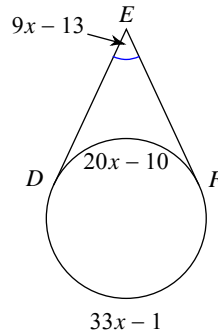
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle TUV$



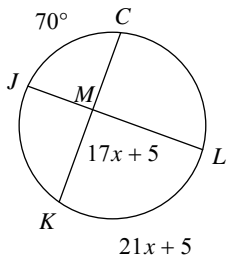
- A) 49°
- B) 61°
- C) 54°
- D) 38°

2) Find $m\angle DEF$



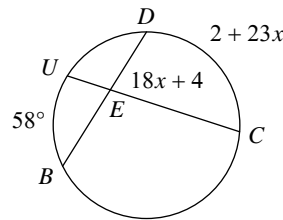
- A) 70°
- B) 50°
- C) 45°
- D) 35°

3) Find $m\angle LMK$



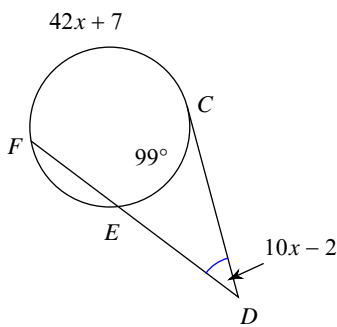
- A) 84°
- B) 90°
- C) 105°
- D) 48°

4) Find $m\angle DEC$



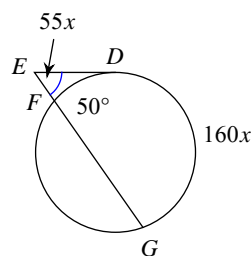
- A) 58°
- B) 38°
- C) 69°
- D) 76°

5) Find $m\angle CDF$



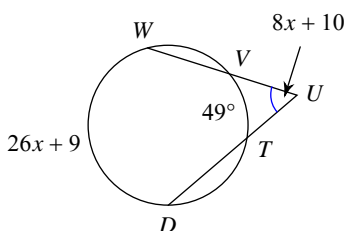
- A) 46°
- B) 32°
- C) 50°
- D) 38°

6) Find $m\angle DEG$



- A) 60°
- B) 55°
- C) 80°
- D) 45°

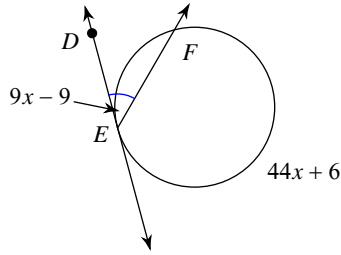
7) Find $m\angle WUD$



- A) 58°
- B) 76°

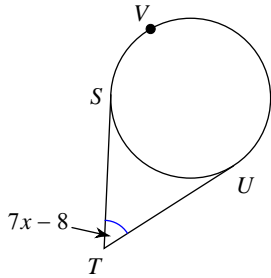


8) Find $m\angle FED$



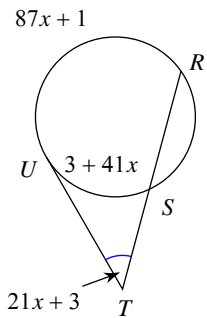
- A) 55° B) 45°
 C) 60° D) 43°

10) $m\widehat{SVU} = 25x + 10$
 Find $m\widehat{SVU}$



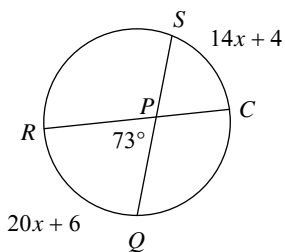
- A) 252° B) 235°
 C) 204° D) 237°

12) Find $m\angle UTR$



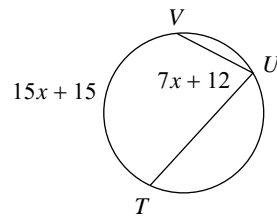
- A) 33° B) 45°
 C) 60° D) 46°

14) Find $m\widehat{SC}$



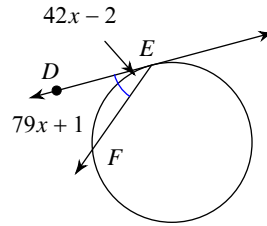
- A) 44° B) 60°
 C) 70° D) 35°

9) Find $m\angle VUT$



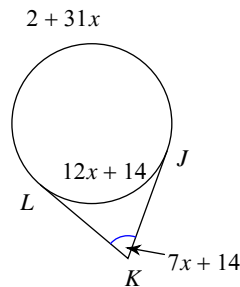
- A) 80° B) 50°
 C) 60° D) 75°

11) Find $m\widehat{FE}$



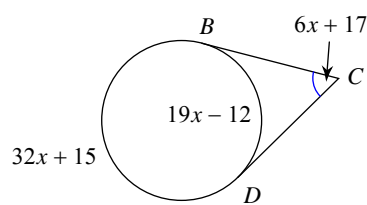
- A) 80° B) 60°
 C) 65° D) 50°

13) Find $m\widehat{JL}$



- A) 150° B) 165°
 C) 110° D) 120°

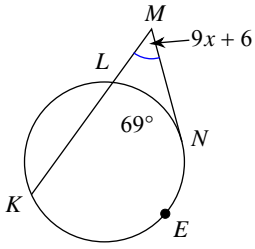
15) Find $m\widehat{BD}$



- A) 147° B) 145°
 C) 99° D) 121°

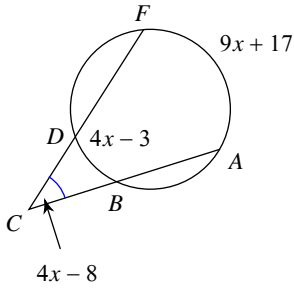


16) $m\widehat{KEN} = 35x - 4$
Find $m\widehat{KEN}$



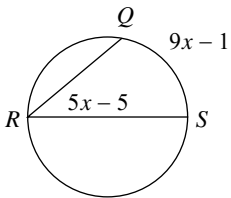
- A) 147° B) 151°
C) 108° D) 171°

18) Find $m\widehat{FA}$



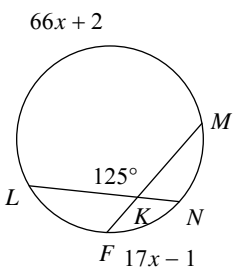
- A) 135° B) 170°
C) 125° D) 90°

20) Find $m\angle SRQ$



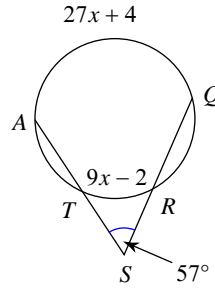
- A) 80° B) 70°
C) 53° D) 90°

22) Find $m\widehat{NF}$



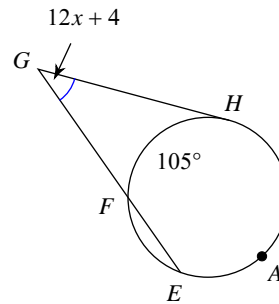
- A) 40° B) 50°
C) 45° D) 70°

17) Find $m\widehat{RT}$



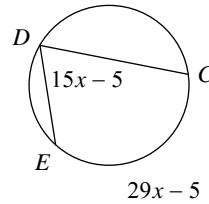
- A) 37° B) 48°
C) 52° D) 46°

19) $m\widehat{EAH} = 60x + 5$
Find $m\widehat{EAH}$



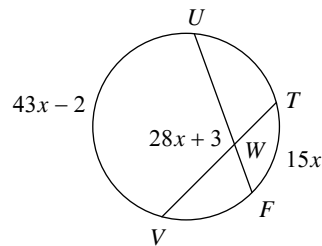
- A) 195° B) 190°
C) 185° D) 270°

21) Find $m\widehat{EDC}$



- A) 200° B) 229°
C) 230° D) 220°

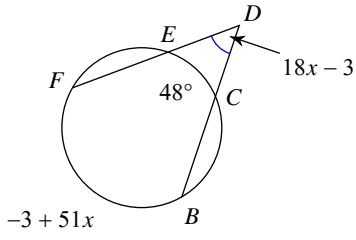
23) Find $m\angle VWU$



- A) 170° B) 115°
C) 140° D) 105°



24) Find $m\widehat{FB}$



- A) 130° B) 150°
C) 100° D) 147°



Answers to Assignment (ID: 9)

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

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

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

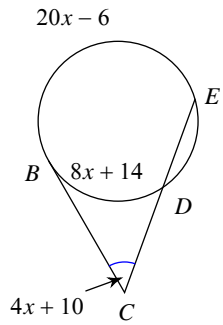
- 4) D
- 8) B
- 12) B
- 16) D
- 20) A
- 24) B



Assignment

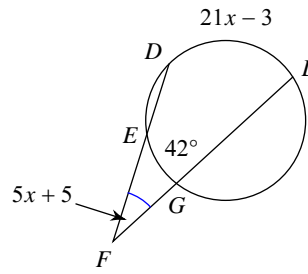
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1) Find $m\angle BCE$



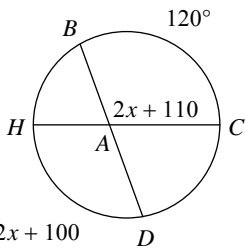
- A) 75°
- B) 50°
- C) 45°
- D) 65°

2) Find $m\angle DFL$



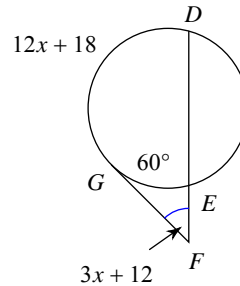
- A) 30°
- B) 35°
- C) 45°
- D) 37°

3) Find $m\angle BAC$



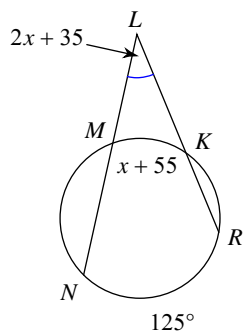
- A) 105°
- B) 99°
- C) 130°
- D) 110°

4) Find $m\angle GFD$



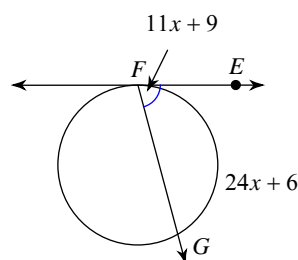
- A) 30°
- B) 65°
- C) 45°
- D) 59°

5) Find $m\angle NLR$



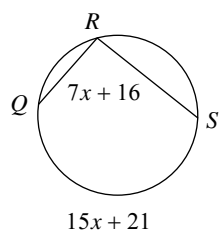
- A) 55°
- B) 35°
- C) 50°
- D) 34°

6) Find $m\angle GFE$



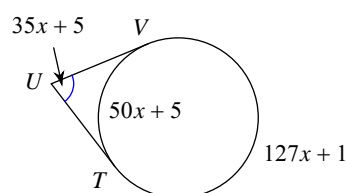
- A) 80°
- B) 85°
- C) 70°
- D) 75°

7) Find $m\angle QRS$



- A) 110°
- B) 90°

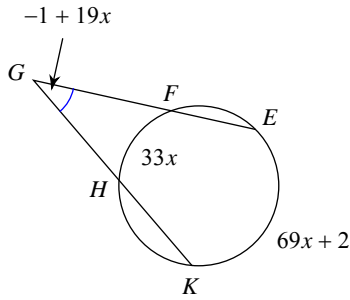
8) Find $m\angle VUT$



- A) 60°
- B) 55°
- C) 75°
- D) 65°

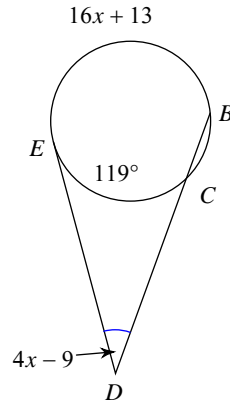


9) Find $m\angle EGK$



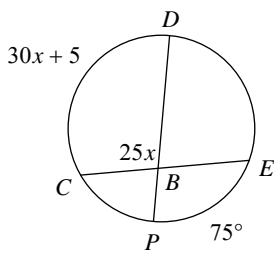
- A) 54° B) 35°
 C) 37° D) 49°

10) Find $m\angle EDB$



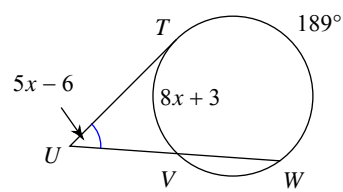
- A) 35° B) 40°
 C) 50° D) 45°

11) Find $m\angle CBD$



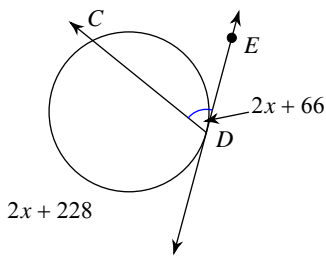
- A) 100° B) 145°
 C) 150° D) 125°

12) Find $m\angle TUW$



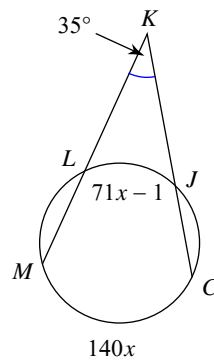
- A) 49° B) 48°
 C) 53° D) 74°

13) Find $m\widehat{CD}$



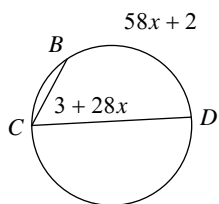
- A) 174° B) 132°
 C) 158° D) 145°

14) Find $m\widehat{LJ}$



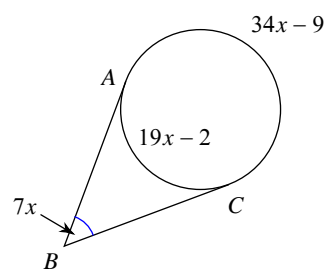
- A) 60° B) 50°
 C) 70° D) 90°

15) Find $m\angle DCB$



- A) 109° B) 172°
 C) 167° D) 118°

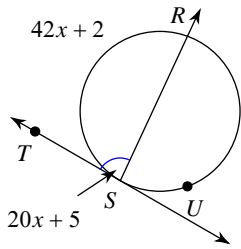
16) Find $m\widehat{AC}$



- A) 97° B) 131°
 C) 157° D) 127°

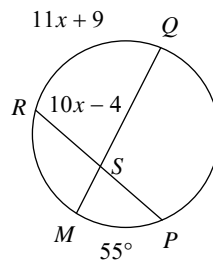


17) Find $m\widehat{RUS}$



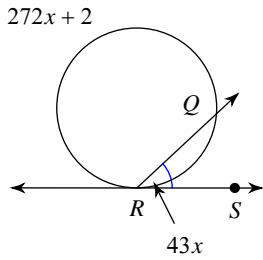
- A) 215° B) 268°
 C) 190° D) 200°

18) Find $m\widehat{RQ}$



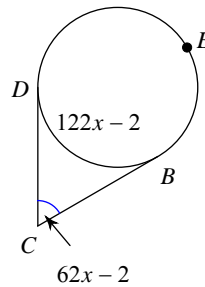
- A) 132° B) 97°
 C) 124° D) 115°

19) Find $m\widehat{QR}$



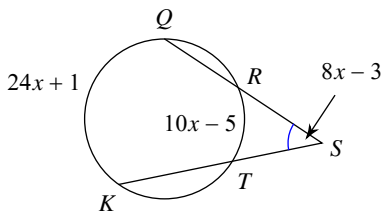
- A) 82° B) 69°
 C) 63° D) 86°

20) $m\widehat{BED} = 240x$
 Find $m\widehat{BED}$



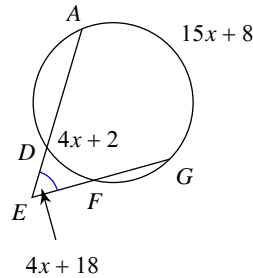
- A) 250° B) 240°
 C) 217° D) 185°

21) Find $m\widehat{RT}$



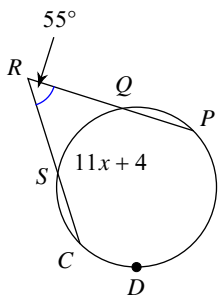
- A) 53° B) 80°
 C) 33° D) 55°

22) Find $m\widehat{FD}$



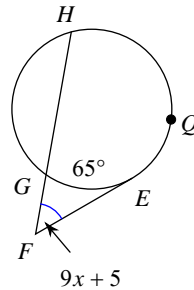
- A) 43° B) 41°
 C) 60° D) 42°

23) $m\widehat{CDP} = 30x$
 Find $m\widehat{CDP}$



- A) 165° B) 180°
 C) 237° D) 145°

24) $m\widehat{HQE} = 34x - 5$
 Find $m\widehat{HQE}$



- A) 110° B) 165°
 C) 155° D) 175°



Answers to Assignment (ID: 10)

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

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

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

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

