Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔBCD

$CD = 8$

$BD = 7\frac{2}{5}$

$BC = 4\frac{2}{3}$

A) $\angle B$, $\angle D$, $\angle C$
B) $\angle D$, $\angle C$, $\angle B$
C) $\angle B$ and $\angle C$; $\angle D$

2) In ΔHGF

$GF = 2\frac{2}{3}$

$HF = 6$

$HG = 5\frac{5}{8}$

A) $\angle G$, $\angle H$, $\angle F$
B) $\angle F$, $\angle G$, $\angle H$
C) $\angle H$, $\angle G$, $\angle F$
D) $\angle H$, $\angle F$, $\angle G$

3) In ΔRST

$ST = 5$

$RT = 2\frac{1}{5}$

$RS = 4\frac{1}{3}$

A) $\angle T$, $\angle R$, $\angle S$
B) $\angle R$, $\angle T$, $\angle S$
C) $\angle T$, $\angle S$, $\angle R$
D) $\angle S$, $\angle T$, $\angle R$

4) In ΔLMN

$MN = 10$

$LN = 9\frac{1}{8}$

$LM = 7\frac{2}{5}$

A) $\angle M$, $\angle L$, $\angle N$
B) $\angle N$, $\angle M$, $\angle L$
C) $\angle L$, $\angle N$, $\angle M$
D) $\angle N$, $\angle L$, $\angle M$

5) In ΔMLK

$LK = 4\frac{3}{8}$

$MK = 5$

$ML = 3\frac{2}{5}$

A) $\angle L$, $\angle M$, $\angle K$
B) $\angle M$, $\angle K$, $\angle L$
C) $\angle K$, $\angle M$, $\angle L$
D) $\angle K$, $\angle L$, $\angle M$

6) In ΔXWV

$WV = 8\frac{3}{4}$

$XV = 10$

$XW = 9$

A) $\angle V$, $\angle W$, $\angle X$
B) $\angle X$, $\angle V$, $\angle W$
C) $\angle X$, $\angle W$, $\angle V$
D) $\angle W$ and $\angle V$; $\angle X$

7) In ΔSTU

$TU = 4\frac{2}{5}$

$SU = 4\frac{2}{3}$

$ST = 6$

A) $\angle T, \angle U, \angle S$
B) $\angle S, \angle U, \angle T$
C) $\angle T$ and $\angle U$; $\angle S$
D) $\angle S, \angle T, \angle U$

8) In ΔABC

$BC = 8$

$AC = 4\frac{9}{10}$

$AB = 7\frac{9}{10}$

A) $\angle C, \angle A, \angle B$
B) $\angle C, \angle B, \angle A$
C) $\angle A$ and $\angle B$; $\angle C$
D) $\angle B, \angle C, \angle A$

9) In ΔDEF

$EF = 7\frac{9}{10}$

$DF = 9$

$DE = 7\frac{2}{5}$

A) $\angle E, \angle F, \angle D$
B) $\angle F, \angle E, \angle D$
C) $\angle F, \angle D, \angle E$
D) $\angle E, \angle D, \angle F$

10) In ΔCBA

$BA = 8$

$CA = 7\frac{2}{3}$

$CB = 5\frac{1}{4}$

A) $\angle A, \angle B, \angle C$
B) $\angle B, \angle A, \angle C$
C) $\angle C$ and $\angle B$; $\angle A$
D) $\angle B, \angle C, \angle A$

11) In ΔJKL

$KL = 3\frac{2}{5}$

$JL = 3\frac{1}{5}$

$JK = 5$

A) $\angle K, \angle L, \angle J$
B) $\angle J$ and $\angle L$; $\angle K$
C) $\angle J, \angle L, \angle K$
D) $\angle K, \angle J, \angle L$

12) In ΔYXW

$XW = 4\frac{1}{4}$

$YW = 6$

$YX = 6$

A) $\angle W, \angle Y, \angle X$
B) All angles are equal
C) $\angle W, \angle X, \angle Y$
D) $\angle Y$; $\angle X$ and $\angle W$

13) In ΔQRS

$RS = 7$

$QS = 3$

$QR = 6\frac{3}{4}$

A) $\angle R, \angle S, \angle Q$
B) $\angle R, \angle Q, \angle S$
C) $\angle S, \angle R, \angle Q$
D) $\angle S, \angle Q, \angle R$

14) In ΔWVU

$VU = 8$

$WU = 7\frac{9}{10}$

$WV = 4\frac{1}{3}$

A) $\angle W, \angle V, \angle U$
B) $\angle U, \angle V, \angle W$
C) $\angle U, \angle W, \angle V$
D) $\angle V, \angle W, \angle U$

15) In ΔXYZ

$YZ = 5$

$XZ = 2\frac{1}{3}$

$XY = 4\frac{3}{10}$

A) $\angle X, \angle Z, \angle Y$
B) $\angle X, \angle Y, \angle Z$
C) $\angle Y, \angle Z, \angle X$
D) $\angle Y, \angle X, \angle Z$

16) In ΔCDE

$DE = 9\frac{1}{4}$

$CE = 4\frac{7}{10}$

$CD = 10$

A) $\angle C, \angle E, \angle D$
B) $\angle E, \angle D, \angle C$
C) $\angle D, \angle C, \angle E$
D) $\angle E, \angle C, \angle D$

17) In ΔUVW

$VW = 5$

$UW = 3\frac{5}{8}$

$UV = 3\frac{4}{5}$

A) $\angle W, \angle U, \angle V$
B) $\angle V, \angle W, \angle U$
C) $\angle U, \angle W, \angle V$
D) $\angle V$ and $\angle W$; $\angle U$

18) In ΔJKL

$KL = 4$

$JL = 6$

$JK = 5\frac{7}{10}$

A) $\angle J, \angle K, \angle L$
B) $\angle J, \angle L, \angle K$
C) $\angle L, \angle K, \angle J$
D) $\angle L, \angle J, \angle K$

19) In ΔQRS

$RS = 6$

$QS = 5\frac{9}{10}$

$QR = 3\frac{7}{8}$

A) $\angle Q, \angle S, \angle R$
B) $\angle R, \angle S, \angle Q$
C) $\angle S, \angle Q, \angle R$
D) $\angle S, \angle R, \angle Q$

20) In ΔPQR

$QR = 3\frac{1}{10}$

$PR = 5$

$PQ = 3\frac{7}{8}$

A) $\angle P, \angle Q, \angle R$
B) $\angle R, \angle Q, \angle P$
C) $\angle P, \angle R, \angle Q$
D) $\angle Q, \angle R, \angle P$

21) In ΔTUV

$UV = 5\frac{7}{10}$

$TV = 5\frac{7}{10}$

$TU = 6$

A) $\angle T$ and $\angle U$; $\angle V$
B) $\angle T$ and $\angle V$; $\angle U$
C) $\angle U$ and $\angle V$; $\angle T$
D) $\angle T, \angle V, \angle U$

22) In ΔKLM

$LM = 5$

$KM = 2\frac{2}{3}$

$KL = 5$

A) $\angle L$; $\angle K$ and $\angle M$
B) $\angle L$ and $\angle M$; $\angle K$
C) $\angle K$ and $\angle M$; $\angle L$
D) $\angle K$ and $\angle L$; $\angle M$

23) In ΔTUV

$UV = 5$

$TV = 2\frac{5}{8}$

$TU = 5$

A) $\angle V$, $\angle T$, $\angle U$

B) $\angle T$ and $\angle U$; $\angle V$

C) $\angle T$, $\angle U$, $\angle V$

D) $\angle U$; $\angle T$ and $\angle V$

24) In ΔYXW

$XW = 7$

$YW = 6\frac{9}{10}$

$YX = 6\frac{9}{10}$

A) $\angle X$, $\angle W$, $\angle Y$

B) $\angle Y$, $\angle X$, $\angle W$

C) $\angle Y$ and $\angle W$; $\angle X$

D) $\angle X$ and $\angle W$; $\angle Y$

Answers to Assignment (ID: 1)

1) B
2) D
3) D
4) B
5) C
6) B
7) D
8) D
9) C
10) A
11) D
12) D
13) A
14) B
15) C
16) C
17) B
18) B
19) D
20) C
21) A
22) A
23) D
24) D

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔBCD

$CD = 6\frac{1}{2}$

$BD = 3\frac{4}{5}$

$BC = 8$

A) $\angle C, \angle B, \angle D$
B) $\angle D, \angle C, \angle B$
C) $\angle C, \angle D, \angle B$
D) $\angle B, \angle D, \angle C$

2) In ΔEFG

$FG = 3\frac{2}{3}$

$EG = 4\frac{1}{8}$

$EF = 5$

A) $\angle G, \angle E, \angle F$
B) $\angle F, \angle G, \angle E$
C) $\angle E, \angle F, \angle G$
D) $\angle G, \angle F, \angle E$

3) In ΔEDC

$DC = 6\frac{1}{2}$

$EC = 8$

$ED = 5\frac{1}{10}$

A) $\angle D, \angle E, \angle C$
B) $\angle C, \angle D, \angle E$
C) $\angle C, \angle E, \angle D$
D) $\angle E, \angle C, \angle D$

4) In ΔNML

$ML = 5\frac{2}{5}$

$NL = 4$

$NM = 6$

A) $\angle M, \angle L, \angle N$
B) $\angle M, \angle N, \angle L$
C) $\angle N$ and $\angle M$; $\angle L$
D) $\angle N, \angle M, \angle L$

5) In ΔVUT

$UT = 4\frac{9}{10}$

$VT = 5\frac{9}{10}$

$VU = 6$

A) $\angle V, \angle U, \angle T$
B) $\angle U, \angle V, \angle T$
C) $\angle T, \angle U, \angle V$
D) $\angle T, \angle V, \angle U$

6) In ΔXWV

$WV = 5\frac{1}{10}$

$XV = 4\frac{1}{3}$

$XW = 8$

A) $\angle W, \angle X, \angle V$
B) $\angle X, \angle W, \angle V$
C) $\angle V, \angle X, \angle W$
D) $\angle X, \angle V, \angle W$

7) In ΔABC

$BC = 4\frac{1}{5}$

$AC = 6$

$AB = 4\frac{3}{8}$

A) $\angle A, \angle C, \angle B$
B) $\angle B$ and $\angle C$; $\angle A$
C) $\angle B, \angle A, \angle C$
D) $\angle A, \angle B, \angle C$

8) In ΔRST

$ST = 5\frac{2}{5}$

$RT = 6$

$RS = 3\frac{3}{5}$

A) $\angle R, \angle S, \angle T$
B) $\angle T, \angle S, \angle R$
C) $\angle S, \angle T, \angle R$
D) $\angle T, \angle R, \angle S$

9) In ΔDEF

$EF = 5\frac{3}{8}$

$DF = 7\frac{1}{4}$

$DE = 9$

A) $\angle D, \angle F, \angle E$
B) $\angle E, \angle F, \angle D$
C) $\angle F, \angle E, \angle D$
D) $\angle D, \angle E, \angle F$

10) In ΔLKJ

$KJ = 4\frac{3}{4}$

$LJ = 4\frac{2}{5}$

$LK = 5$

A) $\angle K, \angle L, \angle J$
B) $\angle J, \angle L, \angle K$
C) $\angle L, \angle K, \angle J$
D) $\angle K, \angle J, \angle L$

11) In ΔSTU

$TU = 3\frac{7}{8}$

$SU = 3\frac{3}{5}$

$ST = 6$

A) $\angle S, \angle U, \angle T$
B) $\angle T, \angle U, \angle S$
C) $\angle U, \angle S, \angle T$
D) $\angle T, \angle S, \angle U$

12) In ΔQRS

$RS = 7\frac{1}{2}$

$QS = 9\frac{1}{5}$

$QR = 10$

A) $\angle S, \angle R, \angle Q$
B) $\angle R, \angle S, \angle Q$
C) $\angle Q, \angle R, \angle S$
D) $\angle S, \angle Q, \angle R$

13) In ΔWVU

$VU = 9$

$WU = 6\frac{1}{2}$

$WV = 6\frac{1}{5}$

A) $\angle W, \angle V, \angle U$
B) $\angle V, \angle U, \angle W$
C) $\angle V, \angle W, \angle U$
D) $\angle U, \angle V, \angle W$

14) In ΔXYZ

$YZ = 5\frac{3}{10}$

$XZ = 5\frac{1}{4}$

$XY = 7$

A) $\angle Y, \angle Z, \angle X$
B) $\angle Z, \angle Y, \angle X$
C) $\angle Y, \angle X, \angle Z$
D) $\angle Z, \angle X, \angle Y$

15) In ΔCDE

$DE = 3$

$CE = 3\frac{7}{10}$

$CD = 5$

A) $\angle E, \angle D, \angle C$
B) $\angle D, \angle E, \angle C$
C) $\angle C, \angle D, \angle E$
D) $\angle D, \angle C, \angle E$

16) In ΔFGH

$GH = 9$

$FH = 6\frac{1}{4}$

$FG = 5$

A) $\angle G, \angle F, \angle H$
B) $\angle F, \angle G, \angle H$
C) $\angle H, \angle F, \angle G$
D) $\angle H, \angle G, \angle F$

17) In ΔJKL

$KL = 10$

$JL = 4\frac{3}{8}$

$JK = 8\frac{1}{2}$

A) $\angle L, \angle K, \angle J$
B) $\angle K, \angle J, \angle L$
C) $\angle J, \angle K, \angle L$
D) $\angle K, \angle L, \angle J$

18) In ΔABC

$BC = 10$

$AC = 7\frac{1}{3}$

$AB = 8\frac{4}{5}$

A) $\angle B, \angle C, \angle A$
B) $\angle A, \angle B, \angle C$
C) $\angle C, \angle B, \angle A$
D) $\angle A, \angle C, \angle B$

19) In ΔPQR

$QR = 3\frac{1}{10}$

$PR = 4\frac{7}{10}$

$PQ = 5$

A) $\angle R, \angle Q, \angle P$
B) $\angle P, \angle Q, \angle R$
C) $\angle Q, \angle P, \angle R$
D) $\angle P, \angle R, \angle Q$

20) In ΔWXY

$XY = 6\frac{1}{3}$

$WY = 8$

$WX = 4\frac{1}{10}$

A) $\angle X, \angle W, \angle Y$
B) $\angle Y, \angle W, \angle X$
C) $\angle X$ and $\angle Y$; $\angle W$
D) $\angle W, \angle Y, \angle X$

21) In ΔBCD

$CD = 6\frac{2}{5}$

$BD = 7$

$BC = 4\frac{1}{2}$

A) $\angle D, \angle B, \angle C$
B) $\angle B, \angle D, \angle C$
C) $\angle C, \angle B, \angle D$
D) $\angle D, \angle C, \angle B$

22) In ΔGFE

$FE = 3\frac{1}{5}$

$GE = 5$

$GF = 4\frac{1}{10}$

A) $\angle G, \angle F, \angle E$
B) $\angle E, \angle F, \angle G$
C) $\angle G, \angle E, \angle F$
D) $\angle G$ and $\angle E$; $\angle F$

23) In ΔSTU

$TU = 3\frac{1}{2}$

$SU = 6$

$ST = 3\frac{1}{2}$

A) $\angle S$ and $\angle U$; $\angle T$
B) $\angle S$ and $\angle T$; $\angle U$
C) $\angle U$, $\angle S$, $\angle T$
D) $\angle T$, $\angle S$, $\angle U$

24) In ΔMLK

$LK = 5\frac{1}{10}$

$MK = 6$

$ML = 6$

A) $\angle K$, $\angle M$, $\angle L$
B) $\angle M$; $\angle L$ and $\angle K$
C) $\angle M$ and $\angle L$; $\angle K$
D) $\angle L$, $\angle M$, $\angle K$

Answers to Assignment (ID: 2)

1) A
2) C
3) C
4) B
5) A
6) A
7) A
8) D
9) D
10) A
11) D
12) C
13) D
14) C
15) C
16) D
17) D
18) A
19) B
20) B
21) A
22) C
23) A
24) B

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔNML

$ML = 5\frac{1}{2}$

$NL = 5\frac{7}{10}$

$NM = 6$

A) $\angle L, \angle N, \angle M$
B) $\angle N, \angle L, \angle M$
C) $\angle N, \angle M, \angle L$
D) $\angle M, \angle L, \angle N$

2) In ΔNML

$ML = 5\frac{2}{5}$

$NL = 4\frac{1}{2}$

$NM = 6$

A) $\angle M, \angle L, \angle N$
B) $\angle M$ and $\angle L$; $\angle N$
C) $\angle L, \angle M, \angle N$
D) $\angle M, \angle N, \angle L$

3) In ΔWVU

$VU = 3\frac{1}{2}$

$WU = 3\frac{3}{10}$

$WV = 6$

A) $\angle V, \angle U, \angle W$
B) $\angle U, \angle W, \angle V$
C) $\angle V$ and $\angle U$; $\angle W$
D) $\angle V, \angle W, \angle U$

4) In ΔVWX

$WX = 4\frac{1}{10}$

$VX = 3\frac{1}{2}$

$VW = 5$

A) $\angle V, \angle X, \angle W$
B) $\angle V$ and $\angle W$; $\angle X$
C) $\angle W, \angle V, \angle X$
D) $\angle W, \angle X, \angle V$

5) In ΔABC

$BC = 8$

$AC = 4\frac{1}{2}$

$AB = 5\frac{4}{5}$

A) $\angle A, \angle C, \angle B$
B) $\angle B, \angle A, \angle C$
C) $\angle C, \angle A, \angle B$
D) $\angle B, \angle C, \angle A$

6) In ΔFED

$ED = 5\frac{3}{5}$

$FD = 9$

$FE = 7\frac{7}{8}$

A) $\angle F, \angle D, \angle E$
B) $\angle F, \angle E, \angle D$
C) $\angle D, \angle E, \angle F$
D) $\angle D, \angle F, \angle E$

7) In ΔSTU

$TU = 5\frac{5}{8}$

$SU = 9$

$ST = 8\frac{1}{5}$

A) $\angle S$, $\angle T$, $\angle U$
B) $\angle T$, $\angle U$, $\angle S$
C) $\angle S$, $\angle U$, $\angle T$
D) $\angle S$ and $\angle U$; $\angle T$

8) In ΔKLM

$LM = 8$

$KM = 5$

$KL = 6\frac{1}{5}$

A) $\angle M$, $\angle L$, $\angle K$
B) $\angle K$, $\angle L$, $\angle M$
C) $\angle K$, $\angle M$, $\angle L$
D) $\angle L$, $\angle M$, $\angle K$

9) In ΔDEF

$EF = 4\frac{4}{5}$

$DF = 10$

$DE = 8\frac{3}{10}$

A) $\angle D$ and $\angle E$; $\angle F$
B) $\angle D$, $\angle E$, $\angle F$
C) $\angle E$, $\angle D$, $\angle F$
D) $\angle D$, $\angle F$, $\angle E$

10) In ΔQRS

$RS = 5\frac{1}{2}$

$QS = 5$

$QR = 9$

A) $\angle Q$ and $\angle S$; $\angle R$
B) $\angle R$, $\angle S$, $\angle Q$
C) $\angle R$, $\angle Q$, $\angle S$
D) $\angle Q$, $\angle R$, $\angle S$

11) In ΔVUT

$UT = 6\frac{3}{10}$

$VT = 5\frac{2}{3}$

$VU = 8$

A) $\angle T$, $\angle V$, $\angle U$
B) $\angle U$, $\angle V$, $\angle T$
C) $\angle T$, $\angle U$, $\angle V$
D) $\angle U$, $\angle T$, $\angle V$

12) In ΔHGF

$GF = 5\frac{1}{5}$

$HF = 9$

$HG = 5\frac{4}{5}$

A) $\angle F$, $\angle G$, $\angle H$
B) $\angle F$, $\angle H$, $\angle G$
C) $\angle H$ and $\angle G$; $\angle F$
D) $\angle H$, $\angle F$, $\angle G$

13) In ΔXYZ

$YZ = 6$

$XZ = 4\frac{3}{5}$

$XY = 5\frac{1}{10}$

A) $\angle X$, $\angle Y$, $\angle Z$
B) $\angle Y$, $\angle X$, $\angle Z$
C) $\angle Y$, $\angle Z$, $\angle X$
D) $\angle Z$, $\angle X$, $\angle Y$

14) In ΔEFG

$FG = 4\frac{1}{10}$

$EG = 8$

$EF = 5\frac{1}{4}$

A) $\angle E$, $\angle G$, $\angle F$
B) $\angle G$, $\angle E$, $\angle F$
C) $\angle F$, $\angle E$, $\angle G$
D) $\angle G$, $\angle F$, $\angle E$

15) In ΔJKL

$KL = 3\frac{1}{3}$

$JL = 4\frac{3}{5}$

$JK = 5$

A) $\angle L, \angle J, \angle K$
B) $\angle J, \angle L, \angle K$
C) $\angle K, \angle L, \angle J$
D) $\angle J, \angle K, \angle L$

16) In ΔPQR

$QR = 7\frac{4}{5}$

$PR = 4\frac{1}{8}$

$PQ = 9$

A) $\angle R, \angle P, \angle Q$
B) $\angle P, \angle Q, \angle R$
C) $\angle P$ and $\angle Q$; $\angle R$
D) $\angle Q, \angle P, \angle R$

17) In ΔSTU

$TU = 6\frac{1}{10}$

$SU = 7$

$ST = 6\frac{1}{5}$

A) $\angle T, \angle U, \angle S$
B) $\angle S, \angle U, \angle T$
C) $\angle T, \angle S, \angle U$
D) $\angle U, \angle S, \angle T$

18) In ΔWXY

$XY = 4\frac{9}{10}$

$WY = 3\frac{7}{8}$

$WX = 5$

A) $\angle Y, \angle X, \angle W$
B) $\angle X, \angle W, \angle Y$
C) $\angle Y, \angle W, \angle X$
D) $\angle W, \angle Y, \angle X$

19) In ΔBCD

$CD = 5\frac{7}{8}$

$BD = 6$

$BC = 3\frac{9}{10}$

A) $\angle D, \angle B, \angle C$
B) $\angle B, \angle C, \angle D$
C) $\angle C, \angle B, \angle D$
D) $\angle C, \angle D, \angle B$

20) In ΔWVU

$VU = 4\frac{3}{10}$

$WU = 5$

$WV = 2\frac{3}{4}$

A) $\angle W, \angle V, \angle U$
B) $\angle U, \angle W, \angle V$
C) $\angle W$ and $\angle U$; $\angle V$
D) $\angle W, \angle U, \angle V$

21) In ΔHGF

$GF = 2\frac{3}{8}$

$HF = 5$

$HG = 4\frac{3}{4}$

A) $\angle H, \angle G, \angle F$
B) $\angle H$ and $\angle G$; $\angle F$
C) $\angle F, \angle H, \angle G$
D) $\angle H, \angle F, \angle G$

22) In ΔRST

$ST = 3\frac{7}{8}$

$RT = 4\frac{3}{8}$

$RS = 5$

A) $\angle T, \angle S, \angle R$
B) $\angle S, \angle R, \angle T$
C) $\angle R, \angle T, \angle S$
D) $\angle R, \angle S, \angle T$

23) In ΔLMN

$MN = 7$

$LN = 7$

$LM = 5\frac{7}{10}$

A) $\angle M$, $\angle N$, $\angle L$

B) $\angle L$, $\angle M$, $\angle N$

C) $\angle N$, $\angle L$, $\angle M$

D) $\angle N$; $\angle L$ and $\angle M$

24) In ΔEDC

$DC = 5\frac{1}{5}$

$EC = 7$

$ED = 5\frac{1}{5}$

A) $\angle E$ and $\angle D$; $\angle C$

B) $\angle E$ and $\angle C$; $\angle D$

C) $\angle E$, $\angle C$, $\angle D$

D) $\angle C$, $\angle E$, $\angle D$

Answers to Assignment (ID: 3)

1) C
2) D
3) D
4) C
5) D
6) A
7) C
8) D
9) D
10) C
11) B
12) D
13) C
14) A
15) D
16) D
17) B
18) B
19) A
20) B
21) D
22) D
23) D
24) B

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔFED

$ED = 5\frac{9}{10}$

$FD = 2$

$FE = 2\frac{3}{4}$

A) $\angle E, \angle D, \angle F$
B) $\angle F, \angle E, \angle D$
C) $\angle D, \angle F, \angle E$

2) In ΔWVU

$VU = 6$

$WU = 4\frac{1}{5}$

$WV = 2\frac{9}{10}$

A) $\angle U, \angle W, \angle V$
B) $\angle W, \angle V, \angle U$
C) $\angle U, \angle V, \angle W$
D) $\angle V, \angle W, \angle U$

3) In ΔABC

$BC = 3\frac{3}{10}$

$AC = 4\frac{3}{5}$

$AB = 6$

A) $\angle C, \angle B, \angle A$
B) $\angle A, \angle C, \angle B$
C) $\angle C, \angle A, \angle B$
D) $\angle A, \angle B, \angle C$

4) In ΔTUV

$UV = 3\frac{9}{10}$

$TV = 6$

$TU = 5\frac{9}{10}$

A) $\angle V, \angle T, \angle U$
B) $\angle T, \angle U, \angle V$
C) $\angle V, \angle U, \angle T$
D) $\angle T, \angle V, \angle U$

5) In ΔJKL

$KL = 5\frac{2}{3}$

$JL = 8$

$JK = 4\frac{9}{10}$

A) $\angle L, \angle K, \angle J$
B) $\angle L, \angle J, \angle K$
C) $\angle J, \angle K, \angle L$
D) $\angle K, \angle J, \angle L$

6) In ΔSTU

$TU = 5$

$SU = 2\frac{3}{10}$

$ST = 4\frac{4}{5}$

A) $\angle U, \angle S, \angle T$
B) $\angle S, \angle T, \angle U$
C) $\angle U, \angle T, \angle S$
D) $\angle T, \angle U, \angle S$

7) In ΔQRS

$RS = 9$

$QS = 7\frac{1}{8}$

$QR = 6\frac{7}{8}$

A) $\angle R, \angle Q, \angle S$
B) $\angle S, \angle Q, \angle R$
C) $\angle Q, \angle R, \angle S$
D) $\angle S, \angle R, \angle Q$

8) In ΔVUT

$UT = 7$

$VT = 3\frac{7}{10}$

$VU = 4\frac{7}{10}$

A) $\angle U, \angle V, \angle T$
B) $\angle V, \angle U, \angle T$
C) $\angle U, \angle T, \angle V$
D) $\angle T, \angle U, \angle V$

9) In ΔFGH

$GH = 7\frac{1}{10}$

$FH = 8$

$FG = 5\frac{4}{5}$

A) $\angle F, \angle G, \angle H$
B) $\angle H, \angle F, \angle G$
C) $\angle H, \angle G, \angle F$
D) $\angle G, \angle H, \angle F$

10) In ΔWXY

$XY = 6\frac{1}{2}$

$WY = 6\frac{1}{8}$

$WX = 7$

A) $\angle Y, \angle X, \angle W$
B) $\angle X, \angle Y, \angle W$
C) $\angle W$ and $\angle Y$; $\angle X$
D) $\angle X, \angle W, \angle Y$

11) In ΔKLM

$LM = 9$

$KM = 6\frac{4}{5}$

$KL = 8\frac{2}{5}$

A) $\angle K, \angle M, \angle L$
B) $\angle L, \angle M, \angle K$
C) $\angle M, \angle K, \angle L$
D) $\angle K, \angle L, \angle M$

12) In ΔPQR

$QR = 3\frac{1}{5}$

$PR = 4\frac{1}{4}$

$PQ = 5$

A) $\angle Q, \angle P, \angle R$
B) $\angle R, \angle Q, \angle P$
C) $\angle Q, \angle R, \angle P$
D) $\angle P, \angle Q, \angle R$

13) In ΔCDE

$DE = 7$

$CE = 7$

$CD = 5\frac{2}{5}$

A) $\angle C$ and $\angle E$; $\angle D$
B) $\angle D, \angle E, \angle C$
C) $\angle E$; $\angle C$ and $\angle D$
D) $\angle C$ and $\angle D$; $\angle E$

14) In ΔVWX

$WX = 5\frac{3}{10}$

$VX = 6\frac{1}{10}$

$VW = 7$

A) $\angle V, \angle X, \angle W$
B) $\angle V$ and $\angle W$; $\angle X$
C) $\angle V, \angle W, \angle X$
D) $\angle W, \angle X, \angle V$

15) In ΔUTS

$TS = 6\frac{7}{10}$

$US = 7$

$UT = 4\frac{9}{10}$

A) $\angle S, \angle T, \angle U$
B) $\angle T, \angle S, \angle U$
C) $\angle U, \angle S, \angle T$
D) $\angle S, \angle U, \angle T$

16) In ΔBCD

$CD = 6\frac{3}{5}$

$BD = 10$

$BC = 9\frac{1}{4}$

A) $\angle B, \angle D, \angle C$
B) $\angle D, \angle C, \angle B$
C) $\angle C, \angle D, \angle B$
D) $\angle B, \angle C, \angle D$

17) In ΔEFG

$FG = 7$

$EG = 8\frac{4}{5}$

$EF = 10$

A) $\angle G, \angle F, \angle E$
B) $\angle F, \angle E, \angle G$
C) $\angle G, \angle E, \angle F$
D) $\angle E, \angle F, \angle G$

18) In ΔHGF

$GF = 7$

$HF = 6\frac{3}{5}$

$HG = 9$

A) $\angle G, \angle H, \angle F$
B) $\angle G, \angle F, \angle H$
C) $\angle H, \angle G, \angle F$
D) $\angle F, \angle H, \angle G$

19) In ΔKLM

$LM = 4$

$KM = 5$

$KL = 4\frac{3}{5}$

A) $\angle L, \angle K, \angle M$
B) $\angle K, \angle M, \angle L$
C) $\angle L, \angle M, \angle K$
D) $\angle M, \angle K, \angle L$

20) In ΔTSR

$SR = 5\frac{3}{5}$

$TR = 7$

$TS = 9$

A) $\angle R, \angle S, \angle T$
B) $\angle T, \angle S, \angle R$
C) $\angle T, \angle R, \angle S$
D) $\angle S, \angle T, \angle R$

21) In ΔWVU

$VU = 7\frac{9}{10}$

$WU = 7\frac{1}{2}$

$WV = 9$

A) $\angle V, \angle U, \angle W$
B) $\angle U, \angle V, \angle W$
C) $\angle U, \angle W, \angle V$
D) $\angle V, \angle W, \angle U$

22) In ΔABC

$BC = 4\frac{9}{10}$

$AC = 7\frac{1}{2}$

$AB = 8$

A) $\angle A, \angle B, \angle C$
B) $\angle B, \angle A, \angle C$
C) $\angle B, \angle C, \angle A$
D) $\angle B$ and $\angle C$; $\angle A$

23) In ΔXYZ

$YZ = 5$

$XZ = 4\frac{1}{5}$

$XY = 5$

A) $\angle Y$; $\angle X$ and $\angle Z$

B) $\angle Y$ and $\angle Z$; $\angle X$

C) $\angle X$ and $\angle Z$; $\angle Y$

D) $\angle Z$, $\angle Y$, $\angle X$

24) In ΔMLK

$LK = 4\frac{3}{10}$

$MK = 7$

$ML = 7$

A) $\angle K$, $\angle M$, $\angle L$

B) $\angle L$, $\angle M$, $\angle K$

C) $\angle M$; $\angle L$ and $\angle K$

D) $\angle M$, $\angle K$, $\angle L$

Answers to Assignment (ID: 4)

1) D
2) C
3) D
4) D
5) B
6) D
7) D
8) C
9) B
10) D
11) B
12) D
13) C
14) C
15) D
16) A
17) D
18) A
19) B
20) B
21) D
22) A
23) A
24) C

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔEFG

$FG = 2\frac{7}{10}$

$EG = 4\frac{1}{5}$

$EF = 5$

A) $\angle G, \angle F, \angle E$
B) $\angle E, \angle F, \angle G$
C) $\angle E, \angle G, \angle F$
D) $\angle F, \angle E, \angle G$

2) In ΔLKJ

$KJ = 7\frac{3}{5}$

$LJ = 9\frac{9}{10}$

$LK = 10$

A) $\angle L, \angle K, \angle J$
B) $\angle L, \angle J, \angle K$
C) $\angle J, \angle L, \angle K$
D) $\angle K, \angle J, \angle L$

3) In ΔUVW

$VW = 3\frac{7}{8}$

$UW = 8$

$UV = 7\frac{7}{8}$

A) $\angle V, \angle W, \angle U$
B) $\angle U, \angle V, \angle W$
C) $\angle U$ and $\angle W$; $\angle V$
D) $\angle U, \angle W, \angle V$

4) In ΔDEF

$EF = 4\frac{3}{4}$

$DF = 8$

$DE = 7\frac{9}{10}$

A) $\angle E, \angle D, \angle F$
B) $\angle E, \angle F, \angle D$
C) $\angle D, \angle E, \angle F$
D) $\angle D, \angle F, \angle E$

5) In ΔQRS

$RS = 5$

$QS = 2\frac{1}{2}$

$QR = 3\frac{3}{5}$

A) $\angle Q, \angle S, \angle R$
B) $\angle R, \angle S, \angle Q$
C) $\angle Q, \angle R, \angle S$
D) $\angle S, \angle Q, \angle R$

6) In ΔFGH

$GH = 8$

$FH = 5\frac{7}{10}$

$FG = 7\frac{1}{8}$

A) $\angle G, \angle H, \angle F$
B) $\angle H, \angle F, \angle G$
C) $\angle F, \angle G, \angle H$
D) $\angle F, \angle H, \angle G$

7) In ΔWXY

$XY = 2\frac{9}{10}$

$WY = 2\frac{9}{10}$

$WX = 5$

A) $\angle Y, \angle W, \angle X$
B) $\angle W$ and $\angle Y$; $\angle X$
C) $\angle W$ and $\angle X$; $\angle Y$
D) $\angle X, \angle Y, \angle W$

8) In ΔNML

$ML = 9$

$NL = 7\frac{4}{5}$

$NM = 8\frac{7}{8}$

A) $\angle N, \angle L, \angle M$
B) $\angle L, \angle M, \angle N$
C) $\angle N, \angle M, \angle L$
D) $\angle M, \angle L, \angle N$

9) In ΔPQR

$QR = 6$

$PR = 5\frac{9}{10}$

$PQ = 3\frac{7}{8}$

A) $\angle P, \angle Q, \angle R$
B) $\angle R, \angle P, \angle Q$
C) $\angle R, \angle Q, \angle P$
D) $\angle Q, \angle P, \angle R$

10) In ΔPQR

$QR = 5\frac{9}{10}$

$PR = 5\frac{9}{10}$

$PQ = 7$

A) $\angle Q$ and $\angle R$; $\angle P$
B) $\angle Q, \angle P, \angle R$
C) $\angle P$ and $\angle R$; $\angle Q$
D) $\angle P$ and $\angle Q$; $\angle R$

11) In ΔUTS

$TS = 5\frac{9}{10}$

$US = 5\frac{1}{10}$

$UT = 9$

A) $\angle S, \angle U, \angle T$
B) $\angle U, \angle T, \angle S$
C) $\angle T, \angle U, \angle S$
D) $\angle U, \angle S, \angle T$

12) In ΔBCD

$CD = 5$

$BD = 4\frac{1}{4}$

$BC = 4\frac{1}{5}$

A) $\angle D, \angle C, \angle B$
B) $\angle C, \angle D, \angle B$
C) $\angle D, \angle B, \angle C$
D) $\angle B, \angle D, \angle C$

13) In ΔEFG

$FG = 7$

$EG = 5\frac{4}{5}$

$EF = 5\frac{2}{5}$

A) $\angle F, \angle G, \angle E$
B) $\angle G, \angle F, \angle E$
C) $\angle G, \angle E, \angle F$
D) $\angle E, \angle F, \angle G$

14) In ΔCDE

$DE = 9$

$CE = 8$

$CD = 9$

A) $\angle E, \angle C, \angle D$
B) $\angle D$; $\angle C$ and $\angle E$
C) $\angle D, \angle C, \angle E$
D) $\angle C$ and $\angle E$; $\angle D$

15) In ΔZYX

$YX = 7$

$ZX = 7\frac{1}{2}$

$ZY = 9$

A) $\angle X$, $\angle Y$, $\angle Z$
B) $\angle Z$ and $\angle Y$; $\angle X$
C) $\angle Z$, $\angle Y$, $\angle X$
D) $\angle Y$, $\angle Z$, $\angle X$

16) In ΔRST

$ST = 7$

$RT = 6\frac{1}{5}$

$RS = 10$

A) $\angle T$, $\angle R$, $\angle S$
B) $\angle S$, $\angle R$, $\angle T$
C) $\angle R$, $\angle T$, $\angle S$
D) $\angle S$, $\angle T$, $\angle R$

17) In ΔUVW

$VW = 3\frac{4}{5}$

$UW = 7$

$UV = 6\frac{1}{10}$

A) $\angle U$ and $\angle W$; $\angle V$
B) $\angle U$, $\angle W$, $\angle V$
C) $\angle W$, $\angle U$, $\angle V$
D) $\angle W$, $\angle V$, $\angle U$

18) In ΔXYZ

$YZ = 8$

$XZ = 6\frac{4}{5}$

$XY = 5$

A) $\angle Z$, $\angle Y$, $\angle X$
B) $\angle Z$, $\angle X$, $\angle Y$
C) $\angle X$, $\angle Y$, $\angle Z$
D) $\angle Y$, $\angle X$, $\angle Z$

19) In ΔMLK

$LK = 8$

$MK = 3\frac{5}{8}$

$ML = 8$

A) $\angle M$ and $\angle K$; $\angle L$
B) $\angle L$, $\angle K$, $\angle M$
C) $\angle M$, $\angle K$, $\angle L$
D) $\angle L$; $\angle M$ and $\angle K$

20) In ΔXYZ

$YZ = 9\frac{1}{2}$

$XZ = 10$

$XY = 4\frac{3}{5}$

A) $\angle Y$, $\angle X$, $\angle Z$
B) $\angle X$, $\angle Z$, $\angle Y$
C) $\angle X$ and $\angle Y$; $\angle Z$
D) $\angle Z$, $\angle X$, $\angle Y$

21) In ΔVUT

$UT = 6$

$VT = 6$

$VU = 3\frac{7}{10}$

A) $\angle V$ and $\angle U$; $\angle T$
B) $\angle V$ and $\angle T$; $\angle U$
C) $\angle T$; $\angle V$ and $\angle U$
D) $\angle U$, $\angle T$, $\angle V$

22) In ΔLKJ

$KJ = 9\frac{9}{10}$

$LJ = 8\frac{1}{4}$

$LK = 10$

A) $\angle J$, $\angle L$, $\angle K$
B) $\angle K$, $\angle L$, $\angle J$
C) $\angle J$, $\angle K$, $\angle L$
D) $\angle K$, $\angle J$, $\angle L$

23) In ΔVWX

$WX = 7$

$VX = 5\frac{1}{4}$

$VW = 6\frac{4}{5}$

A) $\angle V, \angle X, \angle W$
B) $\angle X, \angle V, \angle W$
C) $\angle X, \angle W, \angle V$
D) $\angle W, \angle X, \angle V$

24) In ΔWXY

$XY = 8$

$WY = 7\frac{3}{4}$

$WX = 8$

A) $\angle W, \angle X, \angle Y$
B) $\angle X, \angle W, \angle Y$
C) $\angle X, \angle Y, \angle W$
D) $\angle X$; $\angle W$ and $\angle Y$

Answers to Assignment (ID: 5)

1) B
2) A
3) D
4) D
5) B
6) A
7) C
8) D
9) C
10) D
11) C
12) A
13) B
14) B
15) C
16) B
17) B
18) A
19) D
20) D
21) C
22) B
23) D
24) D

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔQRS

$RS = 4\frac{4}{5}$

$QS = 4\frac{1}{2}$

$QR = 8$

A) $\angle Q, \angle S, \angle R$
B) $\angle R, \angle Q, \angle S$
C) $\angle Q, \angle R, \angle S$
D) $\angle R, \angle S, \angle Q$

2) In ΔFGH

$GH = 8\frac{7}{10}$

$FH = 9$

$FG = 4\frac{7}{8}$

A) $\angle G, \angle F, \angle H$
B) $\angle H, \angle F, \angle G$
C) $\angle F$ and $\angle H$; $\angle G$
D) $\angle F, \angle H, \angle G$

3) In ΔABC

$BC = 8$

$AC = 9$

$AB = 8\frac{1}{8}$

A) $\angle A, \angle C, \angle B$
B) $\angle A, \angle B, \angle C$
C) $\angle C, \angle B, \angle A$
D) $\angle C, \angle A, \angle B$

4) In ΔNML

$ML = 5$

$NL = 4\frac{4}{5}$

$NM = 4\frac{1}{2}$

A) $\angle L, \angle M, \angle N$
B) $\angle M, \angle N, \angle L$
C) $\angle M, \angle L, \angle N$
D) $\angle N, \angle M, \angle L$

5) In ΔPQR

$QR = 5\frac{1}{5}$

$PR = 7$

$PQ = 9$

A) $\angle P, \angle R, \angle Q$
B) $\angle Q$ and $\angle R$; $\angle P$
C) $\angle Q, \angle R, \angle P$
D) $\angle P, \angle Q, \angle R$

6) In ΔUTS

$TS = 2\frac{1}{2}$

$US = 4\frac{9}{10}$

$UT = 5$

A) $\angle S, \angle U, \angle T$
B) $\angle T, \angle S, \angle U$
C) $\angle U, \angle S, \angle T$
D) $\angle U, \angle T, \angle S$

7) In ΔVWX

$WX = 4\frac{7}{8}$

$VX = 5$

$VW = 4\frac{1}{3}$

A) $\angle X, \angle W, \angle V$
B) $\angle V, \angle W, \angle X$
C) $\angle X, \angle V, \angle W$
D) $\angle W, \angle X, \angle V$

8) In ΔCBA

$BA = 6\frac{3}{4}$

$CA = 8$

$CB = 6\frac{3}{5}$

A) $\angle A, \angle C, \angle B$
B) $\angle C, \angle B, \angle A$
C) $\angle A, \angle B, \angle C$
D) $\angle C, \angle A, \angle B$

9) In ΔWXY

$XY = 9$

$WY = 8$

$WX = 9$

A) $\angle W, \angle Y, \angle X$
B) $\angle Y, \angle W, \angle X$
C) $\angle W$ and $\angle Y$; $\angle X$
D) $\angle X$; $\angle W$ and $\angle Y$

10) In ΔGFE

$FE = 9$

$GE = 10$

$GF = 8\frac{7}{10}$

A) $\angle G, \angle E, \angle F$
B) $\angle F$ and $\angle E$; $\angle G$
C) $\angle E, \angle G, \angle F$
D) $\angle E, \angle F, \angle G$

11) In ΔRQP

$QP = 5$

$RP = 4$

$RQ = 3\frac{2}{5}$

A) $\angle P, \angle R, \angle Q$
B) $\angle Q, \angle P, \angle R$
C) $\angle R, \angle Q, \angle P$
D) $\angle P, \angle Q, \angle R$

12) In ΔXYZ

$YZ = 10$

$XZ = 9$

$XY = 6\frac{7}{8}$

A) $\angle Y, \angle X, \angle Z$
B) $\angle Z, \angle Y, \angle X$
C) $\angle Z, \angle X, \angle Y$
D) $\angle X, \angle Y, \angle Z$

13) In ΔRST

$ST = 5\frac{1}{2}$

$RT = 4\frac{4}{5}$

$RS = 6$

A) $\angle S, \angle R, \angle T$
B) $\angle T, \angle S, \angle R$
C) $\angle T, \angle R, \angle S$
D) $\angle R$ and $\angle T$; $\angle S$

14) In ΔUVW

$VW = 7\frac{9}{10}$

$UW = 9$

$UV = 5\frac{3}{5}$

A) $\angle V, \angle W, \angle U$
B) $\angle U, \angle V, \angle W$
C) $\angle U, \angle W, \angle V$
D) $\angle W, \angle U, \angle V$

15) In ΔXYZ

$YZ = 10$

$XZ = 9\frac{9}{10}$

$XY = 5\frac{1}{2}$

A) $\angle Z, \angle X, \angle Y$
B) $\angle Y, \angle X, \angle Z$
C) $\angle X, \angle Z, \angle Y$
D) $\angle Z, \angle Y, \angle X$

16) In ΔEDC

$DC = 4\frac{9}{10}$

$EC = 5\frac{3}{4}$

$ED = 9$

A) $\angle E, \angle C, \angle D$
B) $\angle C, \angle D, \angle E$
C) $\angle E, \angle D, \angle C$
D) $\angle D, \angle C, \angle E$

17) In ΔMLK

$LK = 5$

$MK = 4\frac{3}{10}$

$ML = 4\frac{3}{10}$

A) $\angle M$ and $\angle L$; $\angle K$
B) $\angle L$ and $\angle K$; $\angle M$
C) $\angle L, \angle K, \angle M$
D) $\angle K, \angle L, \angle M$

18) In ΔWXY

$XY = 3\frac{9}{10}$

$WY = 5\frac{7}{8}$

$WX = 7$

A) $\angle W, \angle X, \angle Y$
B) $\angle W$ and $\angle Y$; $\angle X$
C) $\angle Y, \angle X, \angle W$
D) $\angle Y, \angle W, \angle X$

19) In ΔJKL

$KL = 5\frac{5}{8}$

$JL = 6\frac{9}{10}$

$JK = 7$

A) $\angle J, \angle K, \angle L$
B) $\angle K, \angle J, \angle L$
C) $\angle J, \angle L, \angle K$
D) $\angle K, \angle L, \angle J$

20) In ΔVUT

$UT = 6\frac{1}{10}$

$VT = 7\frac{7}{10}$

$VU = 9$

A) $\angle V, \angle U, \angle T$
B) $\angle U, \angle V, \angle T$
C) $\angle T, \angle U, \angle V$
D) $\angle U$ and $\angle T$; $\angle V$

21) In ΔQRS

$RS = 5\frac{9}{10}$

$QS = 7$

$QR = 4$

A) $\angle S, \angle Q, \angle R$
B) $\angle Q, \angle R, \angle S$
C) $\angle R, \angle Q, \angle S$
D) $\angle R$ and $\angle S$; $\angle Q$

22) In ΔVUT

$UT = 6$

$VT = 4\frac{1}{10}$

$VU = 6$

A) $\angle V$ and $\angle T$; $\angle U$
B) $\angle V$ and $\angle U$; $\angle T$
C) $\angle T, \angle V, \angle U$
D) $\angle U$; $\angle V$ and $\angle T$

23) In ΔTUV

$UV = 6$

$TV = 6$

$TU = 5\frac{1}{2}$

A) $\angle V$; $\angle T$ and $\angle U$

B) $\angle U$, $\angle T$, $\angle V$

C) $\angle U$ and $\angle V$; $\angle T$

D) $\angle U$, $\angle V$, $\angle T$

24) In ΔDCB

$CB = 7\frac{4}{5}$

$DB = 8$

$DC = 8$

A) $\angle D$ and $\angle C$; $\angle B$

B) $\angle B$, $\angle D$, $\angle C$

C) $\angle C$, $\angle B$, $\angle D$

D) $\angle D$; $\angle C$ and $\angle B$

Answers to Assignment (ID: 6)

1) B
2) B
3) A
4) A
5) D
6) D
7) C
8) A
9) D
10) C
11) D
12) B
13) A
14) D
15) D
16) C
17) B
18) A
19) A
20) A
21) A
22) D
23) A
24) D

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔDCB

$CB = 9$

$DB = 5\frac{1}{10}$

$DC = 5\frac{1}{2}$

A) $\angle D$, $\angle C$, $\angle B$
B) $\angle B$, $\angle C$, $\angle D$
C) $\angle C$, $\angle D$, $\angle B$

2) In ΔWXY

$XY = 3\frac{7}{10}$

$WY = 6$

$WX = 3\frac{1}{2}$

A) $\angle X$ and $\angle Y$; $\angle W$
B) All angles are equal
C) $\angle Y$, $\angle W$, $\angle X$
D) $\angle X$, $\angle Y$, $\angle W$

3) In ΔRST

$ST = 8$

$RT = 9$

$RS = 7\frac{7}{8}$

A) $\angle R$, $\angle T$, $\angle S$
B) $\angle S$, $\angle T$, $\angle R$
C) $\angle T$, $\angle R$, $\angle S$
D) $\angle T$, $\angle S$, $\angle R$

4) In ΔFGH

$GH = 7$

$FH = 5\frac{1}{5}$

$FG = 3\frac{3}{4}$

A) $\angle F$, $\angle H$, $\angle G$
B) $\angle F$, $\angle G$, $\angle H$
C) $\angle H$, $\angle G$, $\angle F$
D) $\angle G$, $\angle F$, $\angle H$

5) In ΔLMN

$MN = 9\frac{4}{5}$

$LN = 9\frac{1}{10}$

$LM = 10$

A) $\angle M$, $\angle L$, $\angle N$
B) $\angle N$, $\angle L$, $\angle M$
C) $\angle M$ and $\angle N$; $\angle L$
D) $\angle L$, $\angle M$, $\angle N$

6) In ΔMLK

$LK = 9\frac{2}{5}$

$MK = 10$

$ML = 8\frac{3}{10}$

A) $\angle M$, $\angle K$, $\angle L$
B) $\angle L$, $\angle K$, $\angle M$
C) $\angle K$, $\angle L$, $\angle M$
D) $\angle K$, $\angle M$, $\angle L$

7) In ΔUTS

$TS = 9$

$US = 8\frac{7}{8}$

$UT = 4\frac{2}{3}$

A) $\angle T$, $\angle S$, $\angle U$
B) $\angle S$, $\angle U$, $\angle T$
C) $\angle U$, $\angle T$, $\angle S$
D) $\angle S$, $\angle T$, $\angle U$

8) In ΔVWX

$WX = 3\frac{7}{8}$

$VX = 6\frac{4}{5}$

$VW = 8$

A) $\angle V, \angle X, \angle W$
B) $\angle W, \angle V, \angle X$
C) $\angle V, \angle W, \angle X$
D) $\angle X, \angle W, \angle V$

9) In ΔCBA

$BA = 7\frac{2}{5}$

$CA = 8$

$CB = 5\frac{3}{10}$

A) $\angle B, \angle C, \angle A$
B) $\angle A, \angle C, \angle B$
C) $\angle A, \angle B, \angle C$
D) $\angle C, \angle B, \angle A$

10) In ΔDEF

$EF = 6\frac{7}{8}$

$DF = 8$

$DE = 4\frac{1}{2}$

A) $\angle F, \angle D, \angle E$
B) $\angle D$ and $\angle E$; $\angle F$
C) $\angle E, \angle F, \angle D$
D) $\angle D, \angle F, \angle E$

11) In ΔCBA

$BA = 9$

$CA = 6\frac{1}{8}$

$CB = 7$

A) $\angle A, \angle B, \angle C$
B) $\angle B, \angle A, \angle C$
C) $\angle C, \angle B, \angle A$
D) $\angle B, \angle C, \angle A$

12) In ΔKLM

$LM = 6$

$KM = 4\frac{3}{5}$

$KL = 5\frac{1}{2}$

A) $\angle L, \angle M, \angle K$
B) $\angle K, \angle M, \angle L$
C) $\angle K, \angle L, \angle M$
D) $\angle M, \angle L, \angle K$

13) In ΔVWX

$WX = 6$

$VX = 3\frac{7}{10}$

$VW = 3\frac{4}{5}$

A) $\angle W, \angle X, \angle V$
B) $\angle V, \angle X, \angle W$
C) $\angle W, \angle V, \angle X$
D) $\angle V, \angle W, \angle X$

14) In ΔTSR

$SR = 6\frac{3}{10}$

$TR = 5\frac{9}{10}$

$TS = 8$

A) $\angle T$ and $\angle S$; $\angle R$
B) $\angle T, \angle S, \angle R$
C) $\angle S, \angle T, \angle R$
D) $\angle R, \angle S, \angle T$

15) In ΔUVW

$VW = 7$

$UW = 5\frac{3}{4}$

$UV = 4\frac{3}{10}$

A) $\angle V, \angle W, \angle U$
B) $\angle U$ and $\angle V$; $\angle W$
C) $\angle V, \angle U, \angle W$
D) $\angle W, \angle V, \angle U$

16) In ΔXYZ

$YZ = 7\frac{3}{10}$

$XZ = 4\frac{3}{5}$

$XY = 9$

A) $\angle X, \angle Z, \angle Y$
B) $\angle X, \angle Y, \angle Z$
C) $\angle Y, \angle Z, \angle X$
D) $\angle Y, \angle X, \angle Z$

17) In ΔWXY

$XY = 6\frac{1}{5}$

$WY = 6\frac{1}{2}$

$WX = 10$

A) $\angle Y, \angle W, \angle X$
B) $\angle Y, \angle X, \angle W$
C) $\angle X, \angle Y, \angle W$
D) $\angle W, \angle X, \angle Y$

18) In ΔLKJ

$KJ = 6$

$LJ = 4\frac{1}{10}$

$LK = 5\frac{3}{5}$

A) $\angle K, \angle L, \angle J$
B) $\angle K, \angle J, \angle L$
C) $\angle J, \angle K, \angle L$
D) $\angle L, \angle K, \angle J$

19) In ΔPQR

$QR = 3\frac{3}{10}$

$PR = 5$

$PQ = 4\frac{1}{8}$

A) $\angle Q, \angle R, \angle P$
B) $\angle P, \angle R, \angle Q$
C) $\angle R, \angle Q, \angle P$
D) $\angle Q, \angle P, \angle R$

20) In ΔRQP

$QP = 3\frac{3}{10}$

$RP = 5$

$RQ = 4\frac{2}{3}$

A) $\angle Q, \angle R, \angle P$
B) $\angle P, \angle R, \angle Q$
C) $\angle Q, \angle P, \angle R$
D) $\angle R, \angle P, \angle Q$

21) In ΔVUT

$UT = 7$

$VT = 6\frac{7}{8}$

$VU = 6$

A) $\angle V, \angle U, \angle T$
B) $\angle V, \angle T, \angle U$
C) $\angle U, \angle T, \angle V$
D) $\angle T, \angle U, \angle V$

22) In ΔWXY

$XY = 7$

$WY = 3\frac{4}{5}$

$WX = 4\frac{3}{5}$

A) $\angle X, \angle Y, \angle W$
B) $\angle Y, \angle X, \angle W$
C) $\angle W, \angle X, \angle Y$
D) $\angle W, \angle Y, \angle X$

23) In ΔDCB

$CB = 9$

$DB = 6\frac{3}{4}$

$DC = 5\frac{1}{8}$

A) $\angle B, \angle C, \angle D$
B) $\angle C, \angle D, \angle B$
C) $\angle D, \angle B, \angle C$
D) $\angle D, \angle C, \angle B$

24) In ΔCDE

$DE = 6\frac{1}{2}$

$CE = 8$

$CD = 8$

A) $\angle C$; $\angle D$ and $\angle E$

B) $\angle C$ and $\angle E$; $\angle D$

C) $\angle E$, $\angle D$, $\angle C$

D) $\angle D$, $\angle E$, $\angle C$

Answers to Assignment (ID: 7)

1) D
2) C
3) C
4) C
5) A
6) D
7) D
8) C
9) B
10) A
11) B
12) A
13) A
14) C
15) D
16) D
17) D
18) B
19) B
20) D
21) D
22) A
23) A
24) A

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔEFG

$FG = 7\frac{1}{2}$

$EG = 10$

$EF = 5\frac{7}{8}$

A) $\angle F, \angle E, \angle G$
B) $\angle G, \angle E, \angle F$
C) $\angle G, \angle F, \angle E$

2) In ΔLMN

$MN = 10$

$LN = 4\frac{4}{5}$

$LM = 8$

A) $\angle N, \angle L, \angle M$
B) $\angle M, \angle N, \angle L$
C) $\angle N, \angle M, \angle L$
D) $\angle M, \angle L, \angle N$

3) In ΔCDE

$DE = 10$

$CE = 9$

$CD = 8\frac{3}{4}$

A) $\angle E, \angle D, \angle C$
B) $\angle D, \angle E, \angle C$
C) $\angle C, \angle E, \angle D$
D) $\angle D, \angle C, \angle E$

4) In ΔNML

$ML = 7$

$NL = 3\frac{1}{3}$

$NM = 6\frac{1}{4}$

A) $\angle M, \angle L, \angle N$
B) $\angle L, \angle M, \angle N$
C) $\angle N, \angle L, \angle M$
D) $\angle M, \angle N, \angle L$

5) In ΔTSR

$SR = 5\frac{3}{4}$

$TR = 8$

$TS = 6\frac{1}{10}$

A) $\angle T, \angle R, \angle S$
B) $\angle T, \angle S, \angle R$
C) $\angle R, \angle T, \angle S$
D) $\angle S, \angle T, \angle R$

6) In ΔVWX

$WX = 9\frac{4}{5}$

$VX = 8\frac{1}{2}$

$VW = 10$

A) $\angle W, \angle V, \angle X$
B) $\angle V, \angle W, \angle X$
C) $\angle V$ and $\angle W$; $\angle X$
D) $\angle X, \angle V, \angle W$

7) In ΔABC

$BC = 10$

$AC = 8$

$AB = 5\frac{1}{5}$

A) $\angle B, \angle C, \angle A$
B) $\angle A, \angle B, \angle C$
C) $\angle A, \angle C, \angle B$
D) $\angle C, \angle B, \angle A$

8) In ΔDEF

$EF = 10$

$DF = 8\frac{1}{3}$

$DE = 7$

A) $\angle D, \angle F, \angle E$
B) $\angle E, \angle F, \angle D$
C) $\angle F, \angle E, \angle D$
D) $\angle D, \angle E, \angle F$

9) In ΔJKL

$KL = 5\frac{1}{2}$

$JL = 7\frac{9}{10}$

$JK = 8$

A) $\angle K, \angle L, \angle J$
B) $\angle L, \angle J, \angle K$
C) $\angle K, \angle J, \angle L$
D) $\angle J, \angle K, \angle L$

10) In ΔMLK

$LK = 3\frac{9}{10}$

$MK = 6\frac{5}{8}$

$ML = 8$

A) $\angle L, \angle K, \angle M$
B) $\angle M, \angle L, \angle K$
C) $\angle M, \angle K, \angle L$
D) $\angle K, \angle L, \angle M$

11) In ΔRST

$ST = 8\frac{2}{3}$

$RT = 7\frac{1}{2}$

$RS = 9$

A) $\angle S, \angle R, \angle T$
B) $\angle S$ and $\angle T$; $\angle R$
C) $\angle R, \angle S, \angle T$
D) $\angle T, \angle R, \angle S$

12) In ΔSRQ

$RQ = 8$

$SQ = 4\frac{7}{10}$

$SR = 4\frac{2}{3}$

A) $\angle Q, \angle S, \angle R$
B) $\angle S, \angle Q, \angle R$
C) $\angle Q, \angle R, \angle S$
D) $\angle R, \angle S, \angle Q$

13) In ΔUVW

$VW = 10$

$UW = 8\frac{4}{5}$

$UV = 9\frac{3}{8}$

A) $\angle V, \angle W, \angle U$
B) $\angle W, \angle V, \angle U$
C) $\angle W, \angle U, \angle V$
D) $\angle U, \angle V, \angle W$

14) In ΔFGH

$GH = 8\frac{2}{5}$

$FH = 5\frac{1}{2}$

$FG = 10$

A) $\angle H, \angle G, \angle F$
B) $\angle F, \angle H, \angle G$
C) $\angle G, \angle H, \angle F$
D) $\angle G, \angle F, \angle H$

15) In ΔLKJ

$KJ = 3$

$LJ = 5$

$LK = 3\frac{2}{5}$

A) $\angle L, \angle K, \angle J$ B) $\angle L, \angle J, \angle K$

C) $\angle J, \angle K, \angle L$ D) $\angle J, \angle L, \angle K$

16) In ΔABC

$BC = 4\frac{4}{5}$

$AC = 8$

$AB = 7\frac{2}{3}$

A) $\angle B, \angle C, \angle A$

B) $\angle C, \angle B, \angle A$

C) $\angle A, \angle C, \angle B$

D) $\angle A, \angle B, \angle C$

17) In ΔPQR

$QR = 5\frac{1}{4}$

$PR = 6\frac{2}{3}$

$PQ = 7$

A) $\angle P, \angle Q, \angle R$

B) $\angle Q, \angle R, \angle P$

C) $\angle Q, \angle P, \angle R$

D) $\angle R, \angle Q, \angle P$

18) In ΔSTU

$TU = 7$

$SU = 6\frac{2}{5}$

$ST = 4\frac{5}{8}$

A) $\angle T, \angle S, \angle U$ B) $\angle U, \angle S, \angle T$

C) $\angle U, \angle T, \angle S$ D) $\angle S, \angle U, \angle T$

19) In ΔWXY

$XY = 7$

$WY = 5\frac{3}{10}$

$WX = 4\frac{3}{10}$

A) $\angle Y, \angle X, \angle W$

B) $\angle W, \angle X, \angle Y$

C) $\angle X, \angle W, \angle Y$

D) $\angle X, \angle Y, \angle W$

20) In ΔDCB

$CB = 6\frac{2}{5}$

$DB = 6\frac{3}{5}$

$DC = 8$

A) $\angle C, \angle B, \angle D$

B) $\angle B, \angle C, \angle D$

C) $\angle D, \angle C, \angle B$

D) $\angle D, \angle B, \angle C$

21) In ΔEFG

$FG = 9$

$EG = 6\frac{3}{8}$

$EF = 7\frac{1}{5}$

A) $\angle F, \angle G, \angle E$

B) $\angle E, \angle G, \angle F$

C) $\angle E, \angle F, \angle G$

D) $\angle G, \angle F, \angle E$

22) In ΔLMN

$MN = 6\frac{2}{5}$

$LN = 7$

$LM = 5\frac{1}{10}$

A) $\angle N, \angle M, \angle L$

B) $\angle M, \angle N, \angle L$

C) $\angle L, \angle M, \angle N$

D) $\angle N, \angle L, \angle M$

23) In ΔCDE

$DE = 6$

$CE = 6$

$CD = 3\frac{1}{2}$

A) $\angle C$ and $\angle D$; $\angle E$

B) $\angle E$; $\angle C$ and $\angle D$

C) $\angle D$, $\angle C$, $\angle E$

D) $\angle C$ and $\angle E$; $\angle D$

24) In ΔXYZ

$YZ = 6$

$XZ = 6$

$XY = 3\frac{1}{5}$

A) $\angle X$ and $\angle Z$; $\angle Y$

B) $\angle Y$, $\angle Z$, $\angle X$

C) $\angle Z$; $\angle X$ and $\angle Y$

D) $\angle Y$, $\angle X$, $\angle Z$

Answers to Assignment (ID: 8)

1) B
2) B
3) A
4) A
5) A
6) A
7) D
8) C
9) D
10) B
11) A
12) C
13) A
14) D
15) B
16) C
17) A
18) C
19) A
20) C
21) A
22) D
23) B
24) C

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔVUT

$UT = 8$

$VT = 6\frac{9}{10}$

$VU = 7\frac{3}{4}$

A) $\angle U, \angle V, \angle T$
B) $\angle U, \angle T, \angle V$
C) $\angle V, \angle T, \angle U$

2) In ΔRST

$ST = 5$

$RT = 2\frac{9}{10}$

$RS = 3\frac{1}{2}$

A) $\angle S, \angle R, \angle T$
B) $\angle S, \angle T, \angle R$
C) $\angle R, \angle T, \angle S$
D) $\angle R, \angle S, \angle T$

3) In ΔVWX

$WX = 4\frac{3}{4}$

$VX = 3$

$VW = 5$

A) $\angle X, \angle V, \angle W$
B) All angles are equal
C) $\angle X, \angle W, \angle V$
D) $\angle W, \angle V, \angle X$

4) In ΔCBA

$BA = 4\frac{7}{8}$

$CA = 5$

$CB = 2\frac{3}{10}$

A) $\angle B, \angle A, \angle C$
B) $\angle C, \angle A, \angle B$
C) $\angle A, \angle C, \angle B$
D) $\angle A, \angle B, \angle C$

5) In ΔDEF

$EF = 3\frac{3}{8}$

$DF = 7$

$DE = 6\frac{1}{5}$

A) $\angle E, \angle F, \angle D$
B) $\angle F, \angle E, \angle D$
C) $\angle F, \angle D, \angle E$
D) $\angle D, \angle F, \angle E$

6) In ΔKLM

$LM = 7$

$KM = 6\frac{1}{4}$

$KL = 6\frac{7}{8}$

A) $\angle L, \angle M, \angle K$
B) $\angle K, \angle M, \angle L$
C) $\angle K, \angle L, \angle M$
D) $\angle M, \angle L, \angle K$

7) In ΔMLK

$LK = 8\frac{1}{10}$

$MK = 7$

$ML = 10$

A) $\angle M, \angle K, \angle L$
B) $\angle K, \angle L, \angle M$
C) $\angle L, \angle M, \angle K$
D) $\angle K, \angle M, \angle L$

8) In ΔCDE

$DE = 9$

$CE = 4\frac{1}{10}$

$CD = 8\frac{7}{10}$

A) $\angle E, \angle D, \angle C$
B) $\angle D, \angle E, \angle C$
C) $\angle E, \angle C, \angle D$
D) $\angle C, \angle E, \angle D$

9) In ΔQRS

$RS = 8$

$QS = 4\frac{1}{2}$

$QR = 5\frac{7}{8}$

A) $\angle Q, \angle R, \angle S$
B) $\angle S, \angle Q, \angle R$
C) $\angle R, \angle S, \angle Q$
D) $\angle S, \angle R, \angle Q$

10) In ΔTUV

$UV = 4\frac{7}{8}$

$TV = 7$

$TU = 3\frac{2}{5}$

A) $\angle T, \angle V, \angle U$
B) All angles are equal
C) $\angle V, \angle T, \angle U$
D) $\angle T, \angle U, \angle V$

11) In ΔFGH

$GH = 3\frac{2}{3}$

$FH = 4\frac{1}{3}$

$FG = 6$

A) $\angle F, \angle G, \angle H$
B) $\angle G, \angle H, \angle F$
C) $\angle G, \angle F, \angle H$
D) $\angle F, \angle H, \angle G$

12) In ΔLKJ

$KJ = 8$

$LJ = 4\frac{1}{5}$

$LK = 7\frac{3}{4}$

A) $\angle J, \angle L, \angle K$
B) $\angle J, \angle K, \angle L$
C) $\angle K, \angle L, \angle J$
D) $\angle K, \angle J, \angle L$

13) In ΔLMN

$MN = 7$

$LN = 7$

$LM = 4\frac{3}{5}$

A) $\angle M, \angle N, \angle L$
B) $\angle L, \angle N, \angle M$
C) $\angle L$ and $\angle N$; $\angle M$
D) $\angle N$; $\angle L$ and $\angle M$

14) In ΔBCD

$CD = 6$

$BD = 5\frac{1}{2}$

$BC = 3\frac{4}{5}$

A) $\angle C, \angle D, \angle B$
B) $\angle B, \angle C, \angle D$
C) $\angle C, \angle B, \angle D$
D) $\angle D, \angle C, \angle B$

15) In ΔPQR

$QR = 5\frac{3}{5}$

$PR = 9$

$PQ = 7\frac{5}{8}$

A) $\angle P, \angle Q, \angle R$
B) $\angle P, \angle R, \angle Q$
C) $\angle R, \angle Q, \angle P$
D) $\angle Q, \angle P, \angle R$

16) In ΔSTU

$TU = 5$

$SU = 4$

$ST = 2\frac{9}{10}$

A) $\angle S$ and $\angle T$; $\angle U$

B) $\angle T$, $\angle U$, $\angle S$

C) $\angle U$, $\angle T$, $\angle S$

D) All angles are equal

17) In ΔWXY

$XY = 2\frac{7}{10}$

$WY = 5\frac{3}{4}$

$WX = 6$

A) $\angle Y$, $\angle X$, $\angle W$

B) $\angle Y$, $\angle W$, $\angle X$

C) $\angle X$, $\angle Y$, $\angle W$

D) $\angle W$, $\angle X$, $\angle Y$

18) In ΔDCB

$CB = 4\frac{2}{5}$

$DB = 3\frac{1}{5}$

$DC = 5$

A) $\angle D$, $\angle C$, $\angle B$

B) $\angle C$, $\angle B$, $\angle D$

C) $\angle B$, $\angle D$, $\angle C$

D) $\angle C$, $\angle D$, $\angle B$

19) In ΔEFG

$FG = 4\frac{9}{10}$

$EG = 6$

$EF = 4\frac{1}{8}$

A) $\angle E$, $\angle F$, $\angle G$

B) $\angle G$, $\angle E$, $\angle F$

C) $\angle F$, $\angle G$, $\angle E$

D) $\angle F$, $\angle E$, $\angle G$

20) In ΔUVW

$VW = 5\frac{1}{8}$

$UW = 6$

$UV = 8$

A) $\angle W$, $\angle V$, $\angle U$

B) $\angle U$, $\angle V$, $\angle W$

C) $\angle V$, $\angle U$, $\angle W$

D) $\angle U$, $\angle W$, $\angle V$

21) In ΔGFE

$FE = 6$

$GE = 3\frac{3}{5}$

$GF = 5\frac{4}{5}$

A) $\angle G$, $\angle E$, $\angle F$

B) $\angle E$, $\angle G$, $\angle F$

C) $\angle F$ and $\angle E$; $\angle G$

D) $\angle F$, $\angle E$, $\angle G$

22) In ΔLMN

$MN = 5\frac{2}{5}$

$LN = 6$

$LM = 6$

A) $\angle L$ and $\angle M$; $\angle N$

B) $\angle L$; $\angle M$ and $\angle N$

C) $\angle N$, $\angle M$, $\angle L$

D) $\angle M$ and $\angle N$; $\angle L$

23) In ΔZYX

$YX = 3\frac{7}{8}$

$ZX = 7$

$ZY = 3\frac{7}{8}$

A) $\angle Z$, $\angle Y$, $\angle X$

B) $\angle Z$ and $\angle X$; $\angle Y$

C) $\angle Z$, $\angle X$, $\angle Y$

D) $\angle X$, $\angle Y$, $\angle Z$

24) In ΔEDC

$DC = 2\frac{1}{2}$

$EC = 5$

$ED = 5$

A) $\angle E$; $\angle D$ and $\angle C$

B) $\angle E$ and $\angle D$; $\angle C$

C) $\angle C$, $\angle D$, $\angle E$

D) $\angle E$ and $\angle C$; $\angle D$

Answers to Assignment (ID: 9)

1) B
2) B
3) D
4) C
5) D
6) A
7) C
8) B
9) C
10) C
11) A
12) D
13) D
14) D
15) B
16) C
17) D
18) D
19) B
20) B
21) D
22) B
23) B
24) A

Geometry Name_____

Assignment

Date_____ Period____

Order the angles in each triangle from smallest to largest.

1) In ΔRST

$ST = 6\frac{1}{3}$

$RT = 6$

$RS = 7$

A) $\angle T, \angle R, \angle S$ B) $\angle R, \angle S, \angle T$

C) $\angle S, \angle R, \angle T$ D) $\angle S, \angle T, \angle R$

2) In ΔUVW

$VW = 8\frac{7}{8}$

$UW = 8\frac{9}{10}$

$UV = 10$

A) $\angle U, \angle W, \angle V$

B) $\angle W, \angle V, \angle U$

C) $\angle U, \angle V, \angle W$

D) $\angle V, \angle U, \angle W$

3) In ΔCBA

$BA = 7\frac{1}{10}$

$CA = 8$

$CB = 4$

A) $\angle C, \angle B, \angle A$

B) $\angle A, \angle C, \angle B$

C) $\angle A, \angle B, \angle C$

D) $\angle B, \angle A, \angle C$

4) In ΔDEF

$EF = 9$

$DF = 8\frac{2}{5}$

$DE = 7\frac{3}{4}$

A) $\angle D$ and $\angle F$; $\angle E$

B) $\angle D, \angle F, \angle E$

C) $\angle F, \angle E, \angle D$

D) $\angle E, \angle F, \angle D$

5) In ΔSTU

$TU = 6\frac{1}{8}$

$SU = 10$

$ST = 7$

A) $\angle T, \angle U, \angle S$ B) $\angle S, \angle U, \angle T$

C) $\angle U, \angle S, \angle T$ D) $\angle U, \angle T, \angle S$

6) In ΔKLM

$LM = 4\frac{3}{8}$

$KM = 5\frac{3}{4}$

$KL = 6$

A) $\angle K, \angle L, \angle M$

B) $\angle L$ and $\angle M$; $\angle K$

C) $\angle M, \angle L, \angle K$

D) $\angle K$ and $\angle L$; $\angle M$

7) In ΔLMN

$MN = 4\frac{3}{8}$

$LN = 5$

$LM = 3\frac{1}{8}$

A) $\angle N, \angle L, \angle M$
B) $\angle M, \angle N, \angle L$
C) $\angle N, \angle M, \angle L$
D) $\angle L, \angle M, \angle N$

8) In ΔSRQ

$RQ = 3\frac{7}{8}$

$SQ = 5\frac{3}{8}$

$SR = 7$

A) $\angle Q, \angle R, \angle S$
B) $\angle S, \angle R, \angle Q$
C) $\angle R, \angle Q, \angle S$
D) $\angle S, \angle Q, \angle R$

9) In ΔTUV

$UV = 5\frac{5}{8}$

$TV = 5\frac{3}{4}$

$TU = 6$

A) $\angle T, \angle U, \angle V$
B) $\angle V, \angle T, \angle U$
C) $\angle V, \angle U, \angle T$
D) $\angle U, \angle T, \angle V$

10) In ΔZYX

$YX = 6$

$ZX = 5\frac{1}{5}$

$ZY = 6$

A) $\angle Y, \angle Z, \angle X$
B) $\angle Y$ and $\angle X$; $\angle Z$
C) $\angle Z$ and $\angle X$; $\angle Y$
D) $\angle Y$; $\angle Z$ and $\angle X$

11) In ΔWXY

$XY = 5$

$WY = 3\frac{7}{8}$

$WX = 3\frac{1}{3}$

A) $\angle W, \angle X, \angle Y$
B) $\angle X, \angle W, \angle Y$
C) $\angle W, \angle Y, \angle X$
D) $\angle Y, \angle X, \angle W$

12) In ΔFGH

$GH = 9$

$FH = 5\frac{1}{10}$

$FG = 6\frac{9}{10}$

A) $\angle H, \angle F, \angle G$
B) $\angle F, \angle H, \angle G$
C) $\angle F, \angle G, \angle H$
D) $\angle G, \angle H, \angle F$

13) In ΔMLK

$LK = 2\frac{2}{3}$

$MK = 6$

$ML = 5\frac{5}{8}$

A) $\angle K, \angle M, \angle L$
B) $\angle K, \angle L, \angle M$
C) $\angle L, \angle M, \angle K$
D) $\angle M, \angle K, \angle L$

14) In ΔRQP

$QP = 6\frac{2}{5}$

$RP = 10$

$RQ = 9\frac{9}{10}$

A) $\angle R, \angle P, \angle Q$
B) $\angle R, \angle Q, \angle P$
C) $\angle Q, \angle P, \angle R$
D) $\angle P, \angle R, \angle Q$

15) In ΔSTU

$TU = 5\frac{4}{5}$

$SU = 4\frac{1}{4}$

$ST = 6$

A) $\angle T, \angle S, \angle U$
B) $\angle U, \angle S, \angle T$
C) $\angle T, \angle U, \angle S$
D) $\angle U, \angle T, \angle S$

16) In ΔVWX

$WX = 7\frac{1}{4}$

$VX = 5\frac{1}{4}$

$VW = 9$

A) $\angle X, \angle W, \angle V$
B) $\angle W, \angle V, \angle X$
C) All angles are equal
D) $\angle X, \angle V, \angle W$

17) In ΔDCB

$CB = 5\frac{2}{5}$

$DB = 5\frac{1}{4}$

$DC = 7$

A) $\angle B, \angle C, \angle D$
B) $\angle D, \angle C, \angle B$
C) $\angle C, \angle D, \angle B$
D) $\angle B, \angle D, \angle C$

18) In ΔEFG

$FG = 5$

$EG = 3\frac{3}{8}$

$EF = 2\frac{7}{8}$

A) $\angle G, \angle E, \angle F$
B) $\angle E, \angle G, \angle F$
C) $\angle G, \angle F, \angle E$
D) $\angle F, \angle E, \angle G$

19) In ΔVWX

$WX = 4\frac{3}{5}$

$VX = 5$

$VW = 3\frac{1}{2}$

A) $\angle W, \angle V, \angle X$
B) $\angle X, \angle V, \angle W$
C) $\angle X, \angle W, \angle V$
D) $\angle V, \angle W, \angle X$

20) In ΔTUV

$UV = 7$

$TV = 5\frac{3}{5}$

$TU = 6\frac{1}{10}$

A) $\angle T, \angle V, \angle U$
B) $\angle U, \angle T, \angle V$
C) $\angle U, \angle V, \angle T$
D) $\angle T, \angle U, \angle V$

21) In ΔKLM

$LM = 8$

$KM = 7\frac{2}{3}$

$KL = 8$

A) $\angle L$; $\angle K$ and $\angle M$
B) $\angle K$ and $\angle M$; $\angle L$
C) $\angle K, \angle M, \angle L$
D) $\angle M, \angle L, \angle K$

22) In ΔTSR

$SR = 6\frac{9}{10}$

$TR = 7$

$TS = 6\frac{1}{10}$

A) $\angle R, \angle S, \angle T$
B) $\angle S, \angle T, \angle R$
C) $\angle R, \angle T, \angle S$
D) $\angle S, \angle R, \angle T$

23) In ΔUVW

$VW = 5\frac{5}{8}$

$UW = 8$

$UV = 5$

A) $\angle U$, $\angle W$, $\angle V$

B) $\angle U$, $\angle V$, $\angle W$

C) $\angle W$, $\angle U$, $\angle V$

D) $\angle W$, $\angle V$, $\angle U$

24) In ΔCDE

$DE = 6$

$CE = 6$

$CD = 5\frac{3}{5}$

A) $\angle C$ and $\angle D$; $\angle E$

B) $\angle C$, $\angle D$, $\angle E$

C) $\angle C$ and $\angle E$; $\angle D$

D) $\angle E$; $\angle C$ and $\angle D$

Answers to Assignment (ID: 10)

1) C
2) C
3) B
4) C
5) B
6) A
7) A
8) B
9) A
10) D
11) D
12) D
13) D
14) A
15) A
16) B
17) C
18) C
19) B
20) C
21) A
22) C
23) C
24) D