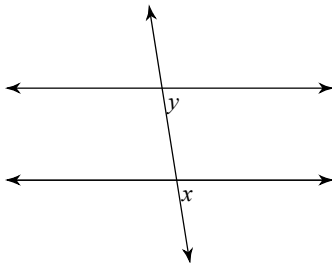


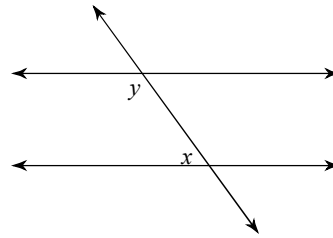
Unit 2 Quiz Review

Identify each pair of angles as corresponding, alternate interior, alternate exterior, same-side interior, same-side exterior, vertical, or linear pair.

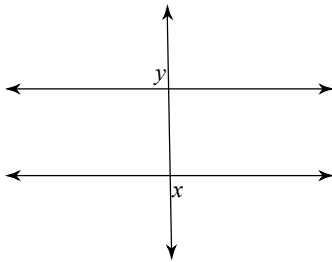
1)



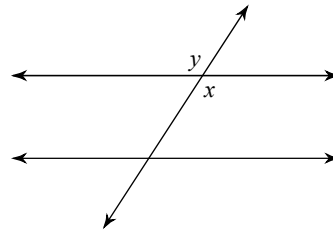
2)



3)

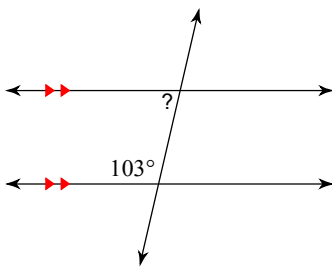


4)

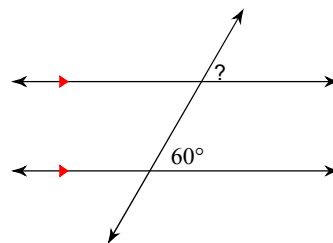


Find the measure of each angle indicated.

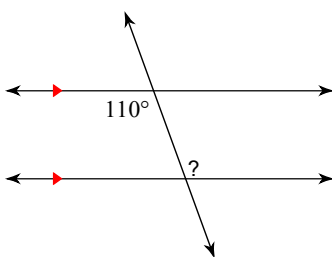
5)



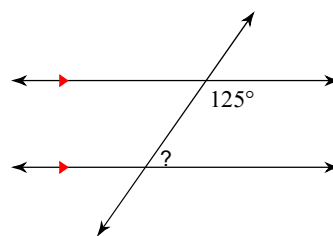
6)



7)

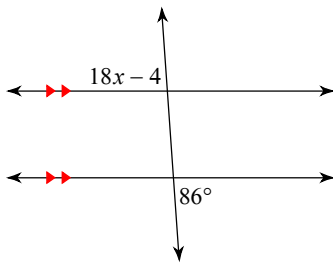


8)

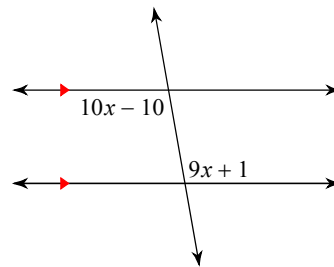


Solve for x .

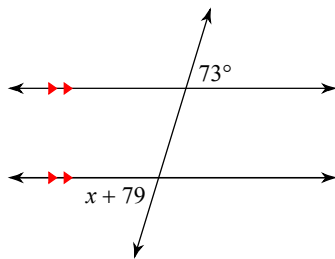
9)



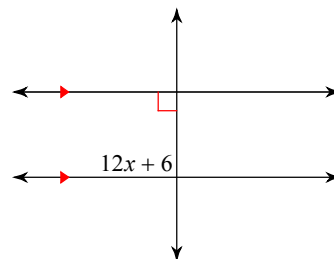
10)



11)

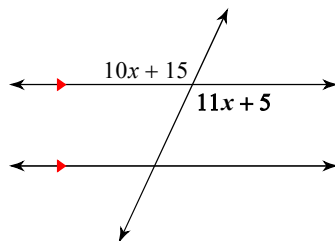


12)

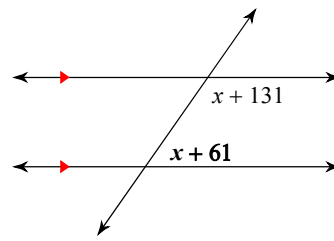


Find the measure of the angle indicated in bold.

13)

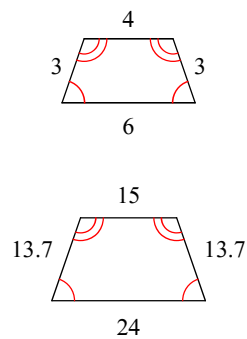


14)

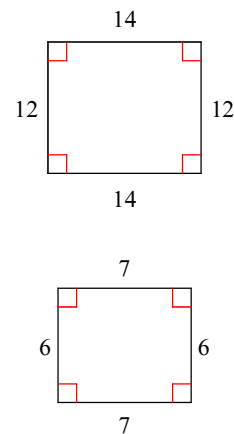


State if the polygons are similar.

15)

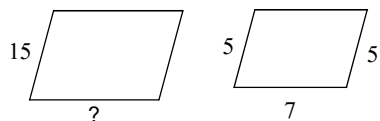


16)

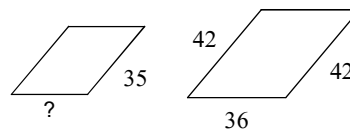


The polygons in each pair are similar. Find the missing side length.

17)

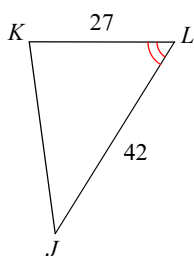
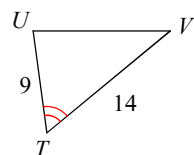


18)



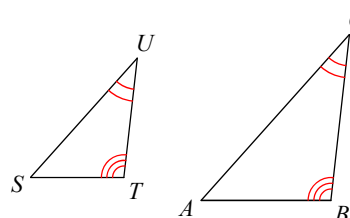
State if the triangles in each pair are similar. If so, state how you know they are similar (SSS, SAS, or AA) and complete the similarity statement.

19)



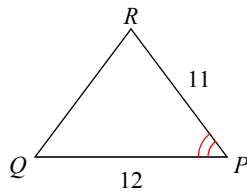
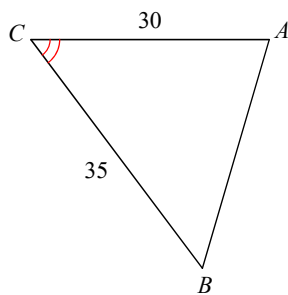
$\triangle LKJ \sim \underline{\hspace{2cm}}$

20)



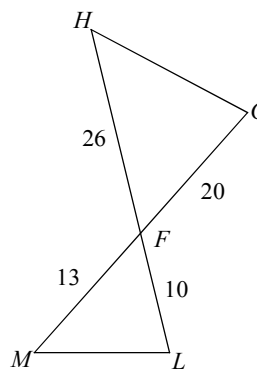
$\triangle CBA \sim \underline{\hspace{2cm}}$

21)



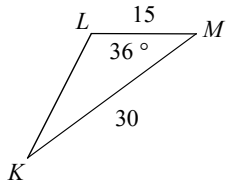
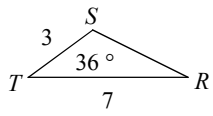
$\triangle CBA \sim \underline{\hspace{2cm}}$

22)



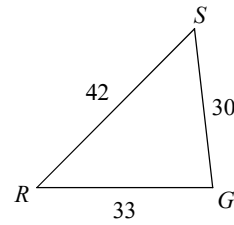
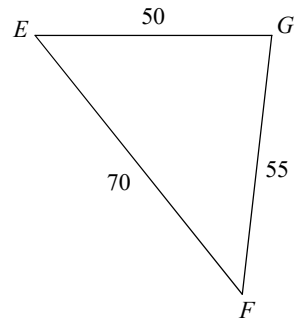
$\triangle FGH \sim \underline{\hspace{2cm}}$

23)



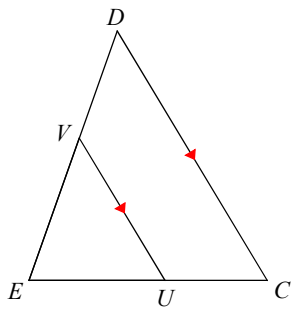
$\triangle MLK \sim$ _____

24)



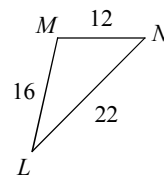
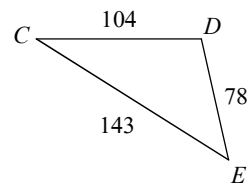
$\triangle GFE \sim$ _____

25)



$\triangle EDC \sim$ _____

26)



$\triangle CDE \sim$ _____

Answers to Unit 2 Quiz Review (ID: 1)

- | | | | |
|--|-------------------------|--|---------------|
| 1) corresponding | 2) consecutive interior | 3) alternate exterior | 4) vertical |
| 5) 77° | 6) 60° | 7) 110° | 8) 55° |
| 9) 5 | 10) 11 | 11) -6 | 12) 7 |
| 13) 115° | 14) 55° | 15) not similar | 16) similar |
| 17) 21 | 18) 30 | 19) similar; SAS similarity; $\triangle TUV$ | |
| 20) similar; AA similarity; $\triangle UTS$ | | 21) not similar | |
| 22) similar; SAS similarity; $\triangle FLM$ | | 23) not similar | |
| 24) similar; SSS similarity; $\triangle GRS$ | | 25) similar; AA similarity; $\triangle EVU$ | |
| 26) similar; SSS similarity; $\triangle LMN$ | | | |