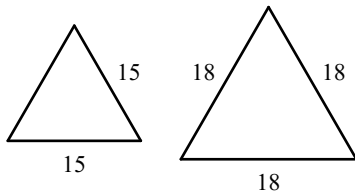


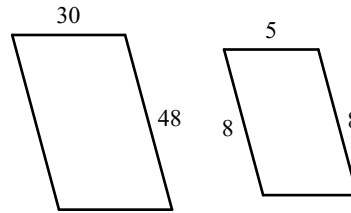
3.5 - Quiz 3 REVIEW

The polygons in each pair are similar. Find the scale factor from left to right.

1)

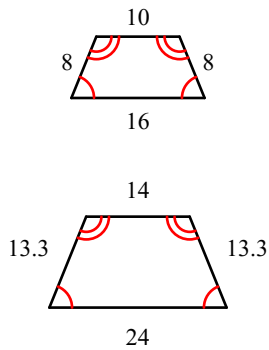


2)

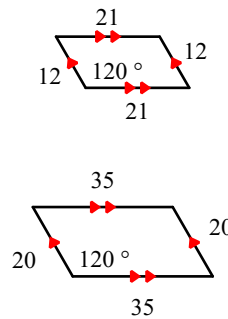


State if the polygons are similar.

3)

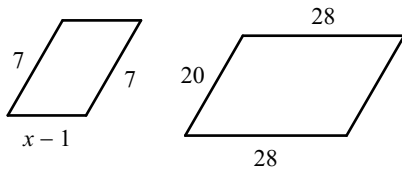


4)

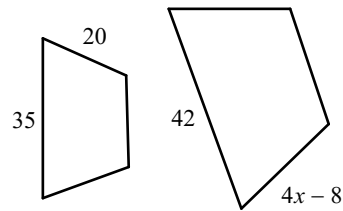


Solve for x. The polygons in each pair are similar.

5)

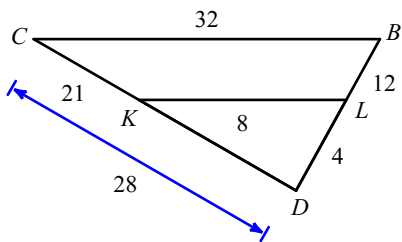


6)



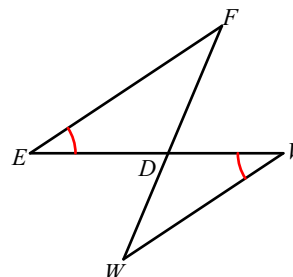
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

7)



$\triangle DCB \sim$ _____

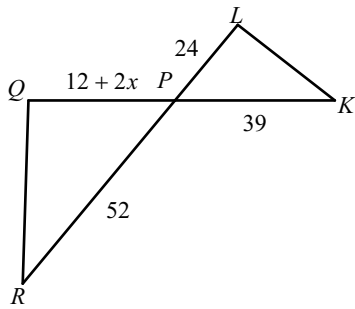
8)



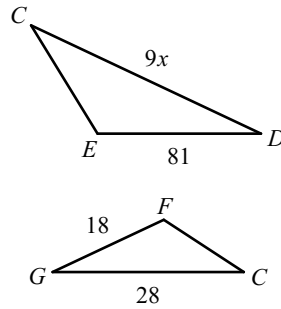
$\triangle DEF \sim$ _____

Solve for x . The triangles in each pair are similar.

9) $\triangle PQR \sim \triangle PLK$

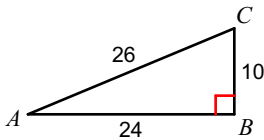


10) $\triangle CDE \sim \triangle CGF$



Find the value of each trigonometric ratio.

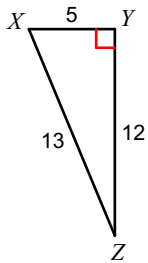
11) $\tan C$



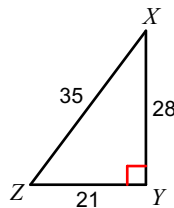
12) $\tan A$



13) $\sin Z$



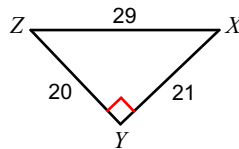
14) $\cos X$



15) $\sin Z$



16) $\cos X$



Use the co-functions to solve each problem.

17) $\cos 25 =$

18) $\sin 54 =$

19) If $\sin \theta = 4/5$, then $\cos (90 - \theta) =$

20) If $\cos \theta = 12/13$, then $\sin (90 - \theta) =$

21) If $\tan \theta = 7/24$, then $\tan (90 - \theta) =$

22) If $\tan \theta = 40/9$, then $\tan (90 - \theta) =$