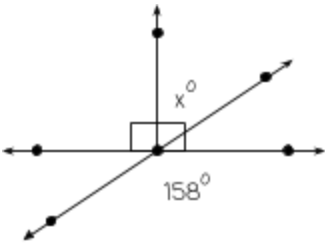


Name: \_\_\_\_\_

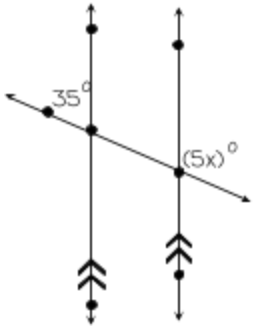
**Part 1: Angles**

Find the value of x!

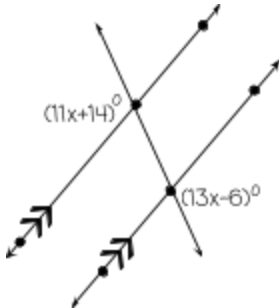
1.



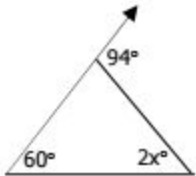
2.



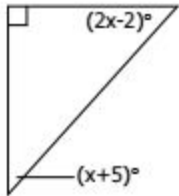
3.



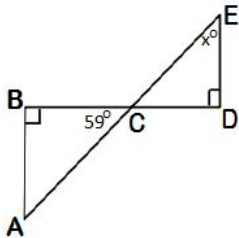
4.



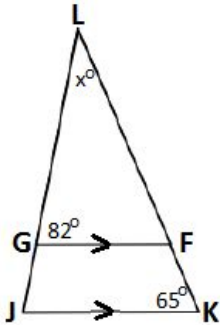
5.



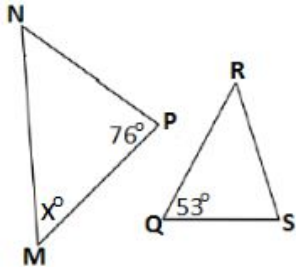
6.



7.



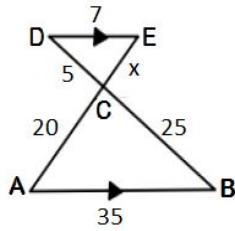
8. ( $\Delta NPM \sim \Delta QRS$ )



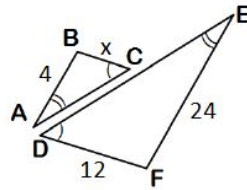
## Part 2: Similarity

Find the value of  $x$ !

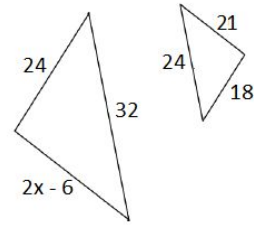
9.



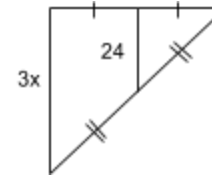
10.



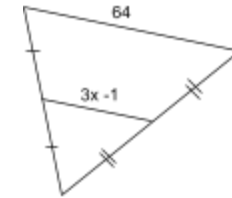
11.



12.

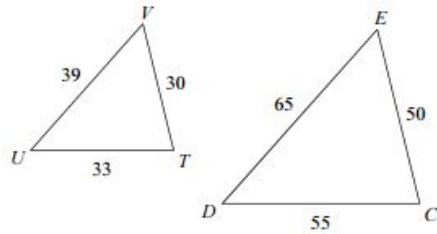


13.

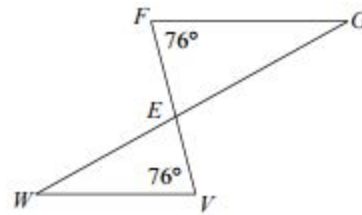


Are these triangles similar by SSS, SAS, AA, or just not similar?

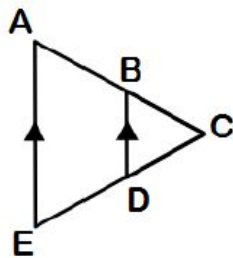
14. \_\_\_\_\_



15. \_\_\_\_\_



16. \_\_\_\_\_



17. \_\_\_\_\_

