

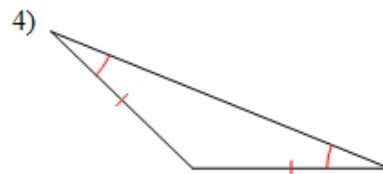
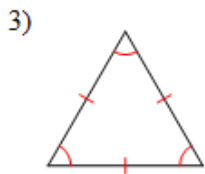
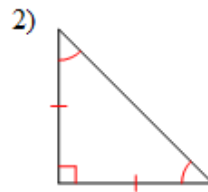
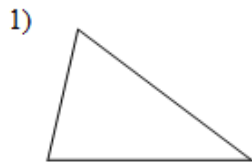
## 4.1 Triangles

NAME: \_\_\_\_\_

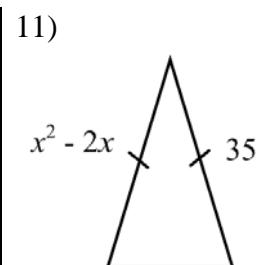
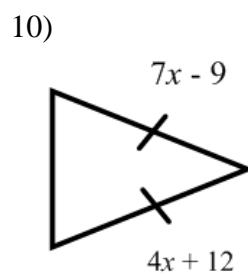
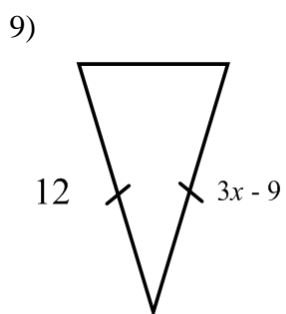
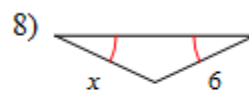
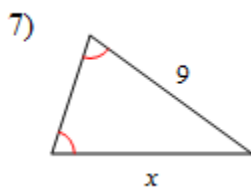
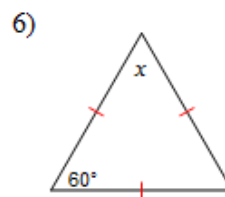
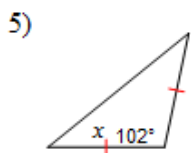
### CORRECTIVE ASSIGNMENT

DATE: \_\_\_\_\_

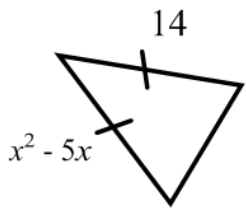
Classify each triangle by its sides (scalene, isosceles, or equilateral) as well as by its angles (acute, obtuse, or right).



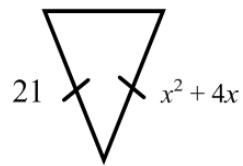
Find the value of  $x$ .



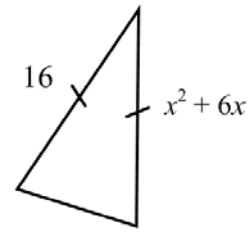
12)



13)

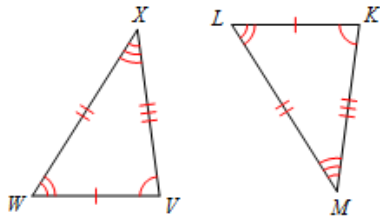


14)

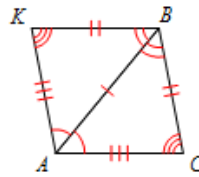


Write a statement that indicates that the triangles in each pair are congruent.

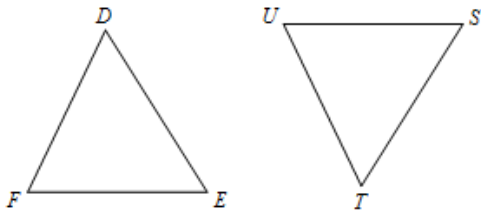
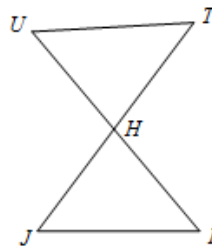
15)



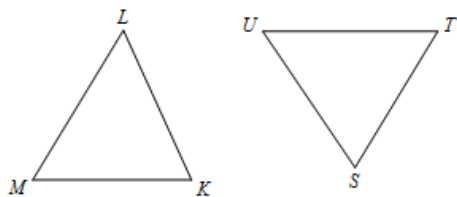
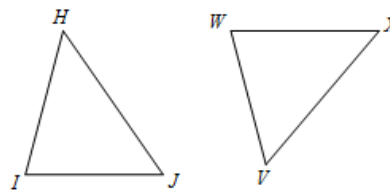
16)



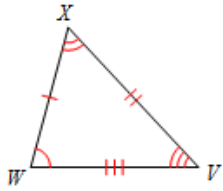
Mark the angles and sides of each pair of triangles to indicate that they are congruent.

17)  $\triangle DEF \cong \triangle STU$ 18)  $\triangle HIJ \cong \triangle HTU$ 

Complete each congruence statement by naming the corresponding angle or side.

19)  $\triangle KML \cong \triangle STU$ 
 $\overline{LK} \cong ?$ 
20)  $\triangle JIH \cong \triangle VWX$ 
 $\angle I \cong ?$

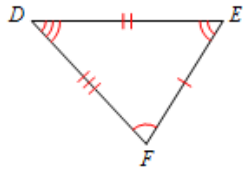
21)  $\triangle WXV \cong \triangle FED$



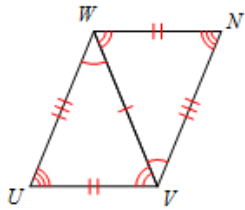
$\angle V \cong ?$

22)  $\triangle ZYX \cong \triangle LMN$

$\angle X \cong ?$



23)  $\triangle WVU \cong \triangle VWN$



$\overline{VU} \cong ?$

24)  $\triangle DEC \cong \triangle UCV$

$\angle E \cong ?$

## ANSWERS TO 4.1 CORRECTIVE ASSIGNMENT!

1) acute scalene

2) right isosceles

3) equilateral

4) obtuse isosceles

5)  $39^\circ$

6)  $60^\circ$

7) 9

8) 6

9) 7

10) 7

11) -5 and 7

12) -2 and 7

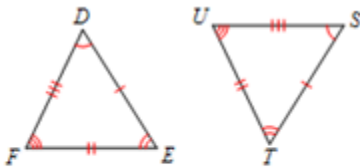
13) -7 and 3

14) -8 and 2

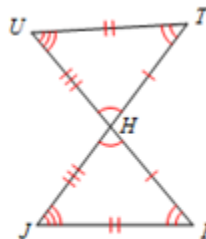
15)  $\triangle VWX \cong \triangle KLM$

16)  $\triangle ABC \cong \triangle ABK$

17)



18)



19)  $\overline{US}$

20)  $\angle W$

21)  $\angle D$

22)  $\angle N$

23)  $\overline{WN}$

24)  $\angle UCV$