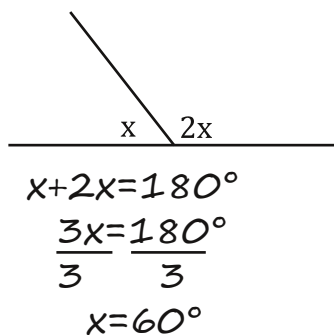
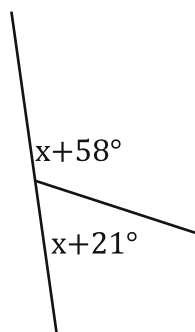


For each find the value of the variable. Show all work.

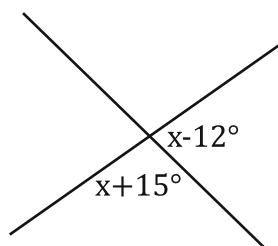
20.



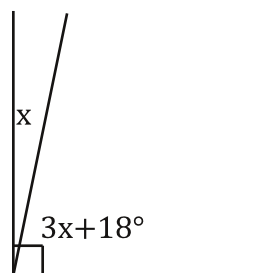
22.



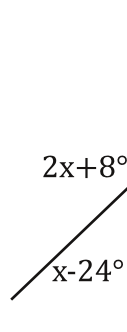
24.



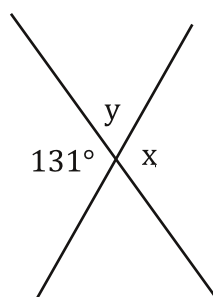
21.



23.



25. Find y, then find x...



26. What do you notice about the value of x in #25?

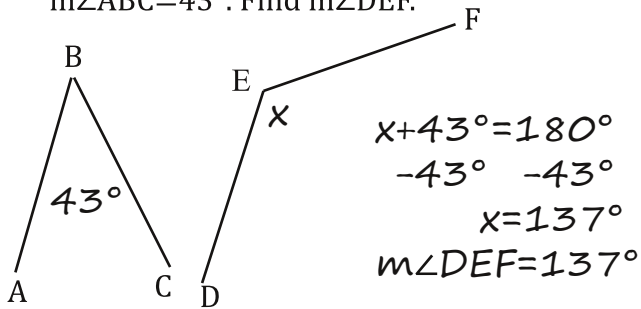
Bubble all the correct answers from above. Don't bubble incorrect answers.

☐ 40.5°
 ☐ 60°
 ☐ 50.5°
 ☐ 18°
 ☐ 65.3°
 ☐ 88.5°
 ☐ 49°
 ☐ 49.3°
 ☐ 131°
 ☐ 76.5°

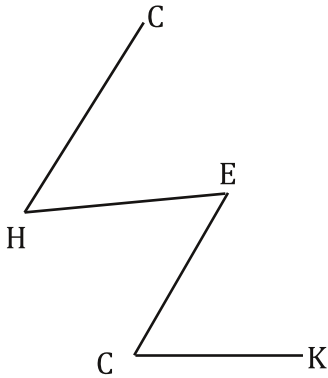
Find the indicated angle measure. If the problem contains a linear pair, write "linear pair" as well.

27. $\angle ABC$ is supplementary to $\angle DEF$

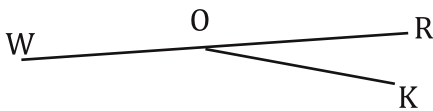
$m\angle ABC = 43^\circ$. Find $m\angle DEF$.



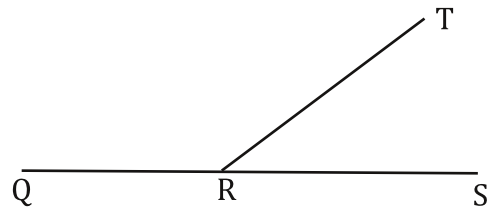
29. $\angle H$ is complementary to $\angle C$ $m\angle C = 59^\circ$. Find $m\angle H$.



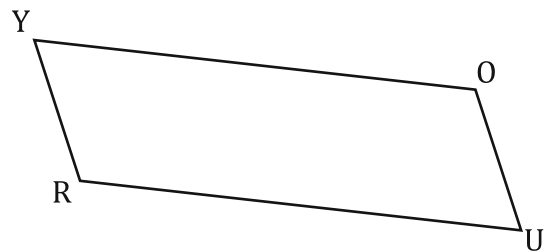
31. $m\angle WOK$ is 27 more than three times $m\angle ROK$. Find $m\angle ROK$.



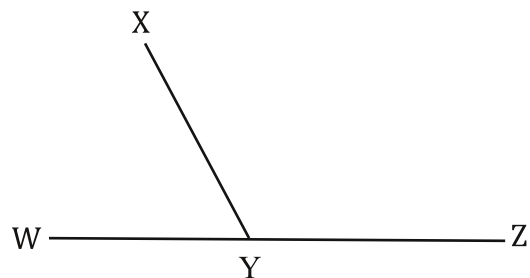
28. $m\angle QRT = 143^\circ$. Find $m\angle TSR$.



30. $\angle O$ is supplementary to $\angle U$, $m\angle U = 78^\circ$. Find $m\angle O$.



32. $m\angle XYZ$ is 11 more than two times $m\angle WYX$. Find $m\angle XYZ$.



33. Secret Message: _____

Bubble all the correct answers from above. Don't bubble incorrect answers.

☐ 47°
 ☐ 121°
 ☐ 76.5°
 ☐ 153°
 ☐ 56.3°
 ☐ 84.5°
 ☐ 31°
 ☐ 137°
 ☐ 37°
 ☐ 102°