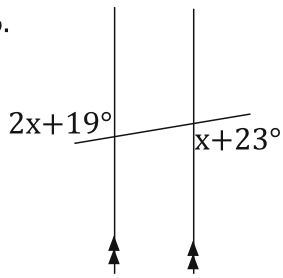


On these state the angle relationship, write a statement about whether they add to  $180^\circ$  or are equal, and find the value of  $x$ .

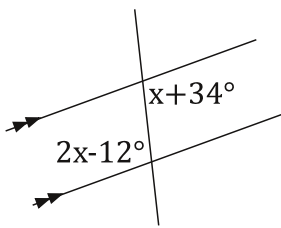
16.



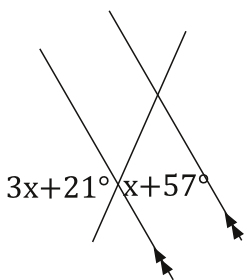
*Alternate exterior*

$$\begin{aligned}
 2x+19^\circ &= x+23^\circ \\
 -x & \quad -x \\
 x+19^\circ &= 23^\circ \\
 -19^\circ & -19^\circ \\
 x &= 4^\circ
 \end{aligned}$$

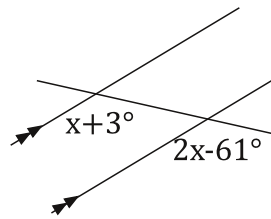
18.



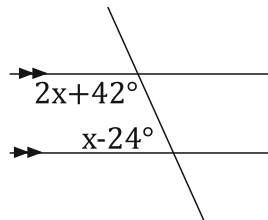
20.



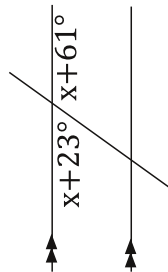
17.



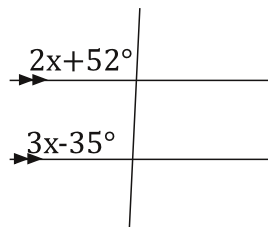
19.



21.



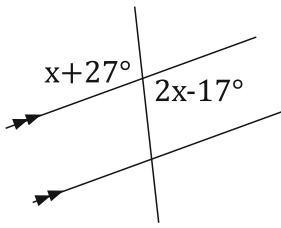
22.



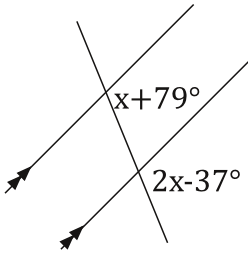
Bubble all the correct answers from above. Don't bubble incorrect answers.

$72^\circ$ 
  $4^\circ$ 
  $12^\circ$ 
  $46^\circ$ 
  $18^\circ$ 
  $164^\circ$ 
  $154^\circ$ 
  $42^\circ$ 
  $30^\circ$ 
  $48^\circ$ 
  $97^\circ$ 
  $28^\circ$ 
  $87^\circ$ 
  $83^\circ$

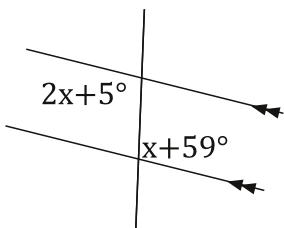
23.



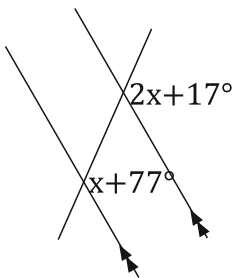
25.



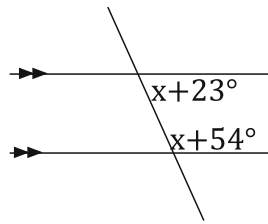
27.



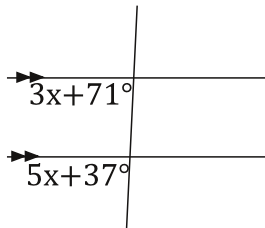
29.



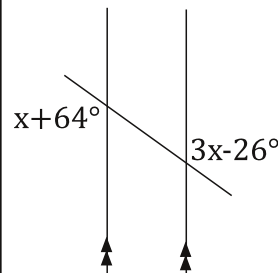
24.



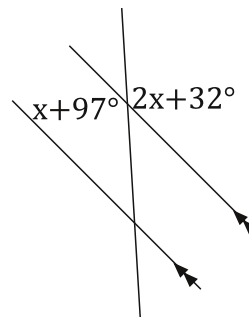
26.



28.



30.



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

- 31°  
  116°  
  20°  
  17°  
  54°  
  98°  
  51.5°  
  45°  
  60°  
  72.5°  
  65°  
  44°  
  30.5°  
  24°