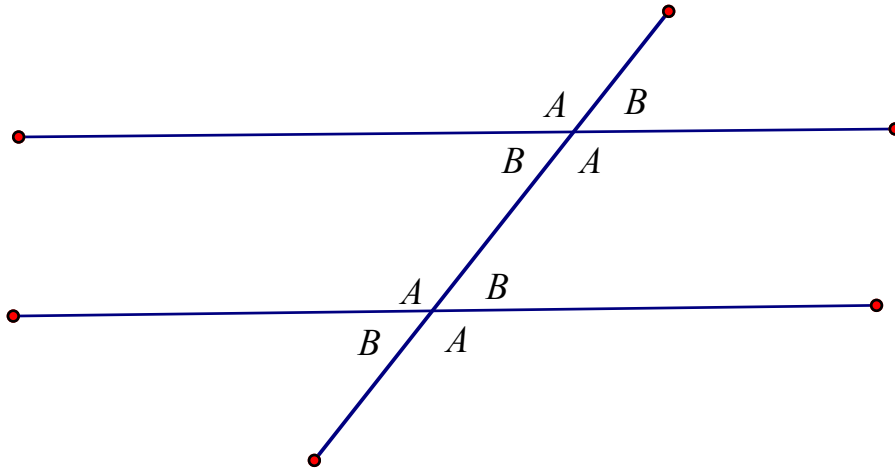


Angles – Parallel Lines

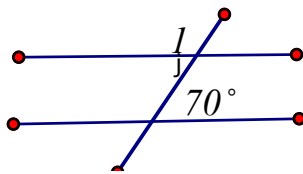
Strategy

Use **ABBA** to remember the angle relationships. All the angles labeled A are equal, all the angles labeled B are equal, and $A+B = 180^\circ$.

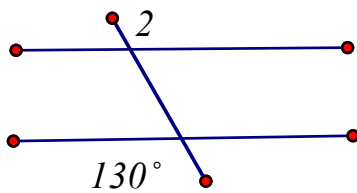


Assume the lines are parallel, find the \angle .

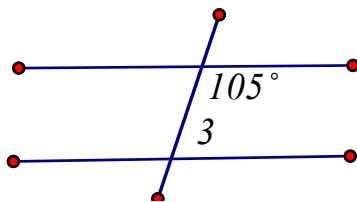
1.



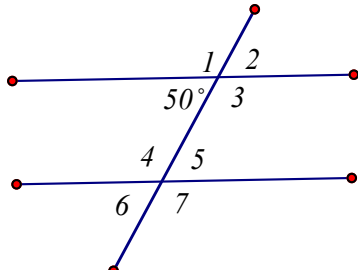
2.



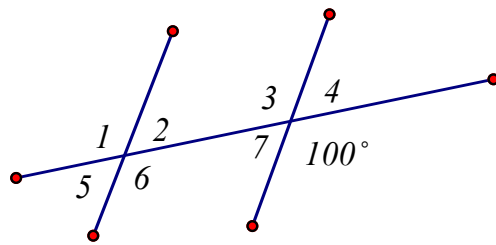
3.



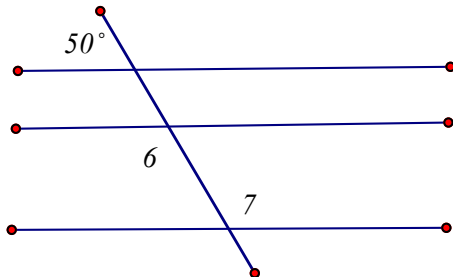
4. Find all the missing angles.



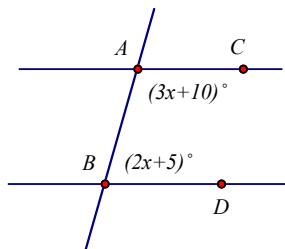
5. Find all the missing angles.



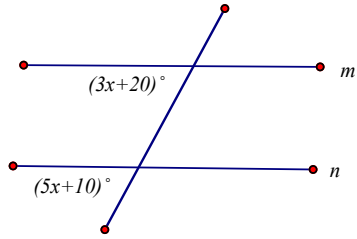
6. Find $m\angle 6$ and $m\angle 7$.



7. Find the value of x . Assume lines are parallel.



8. Find the value of x . Assume lines are parallel/



9. Find the value of x . Assume lines are parallel.

