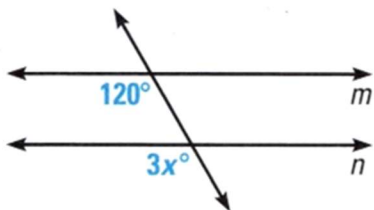


3.2 Homework

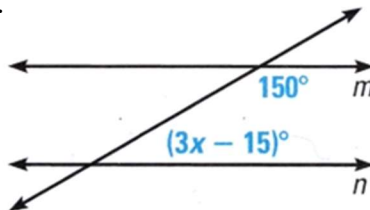
On your own paper, write the answers.

Find the value of x that makes $m \parallel n$. Write the equations. Show the steps for solving.

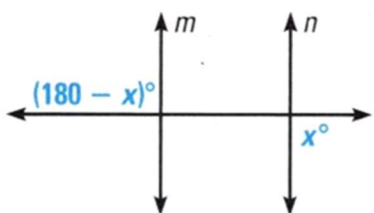
1.



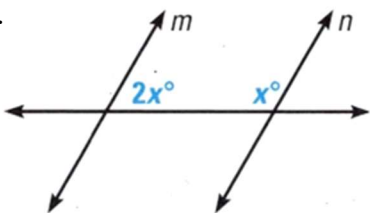
2.



3.

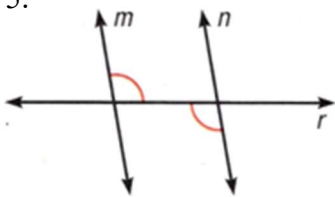


4.

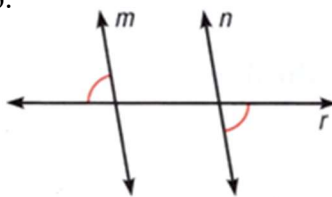


Is there enough information to prove $m \parallel n$? If so, state the postulate or theorem you would use.

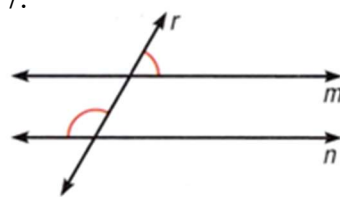
5.



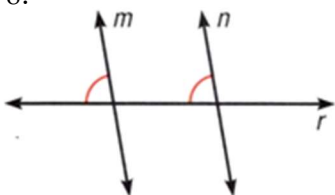
6.



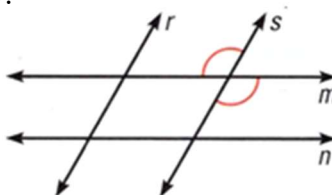
7.



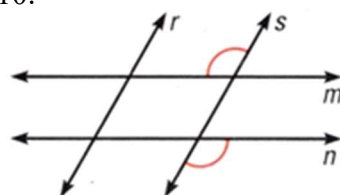
8.



9.



10.



For problems 11 -13, write the equations. Show the steps for solving

11. Find x so that $p \parallel q$.

12. Find y so that $r \parallel s$.

13. Can r be parallel to s and p be parallel to q at the same time? Explain.

