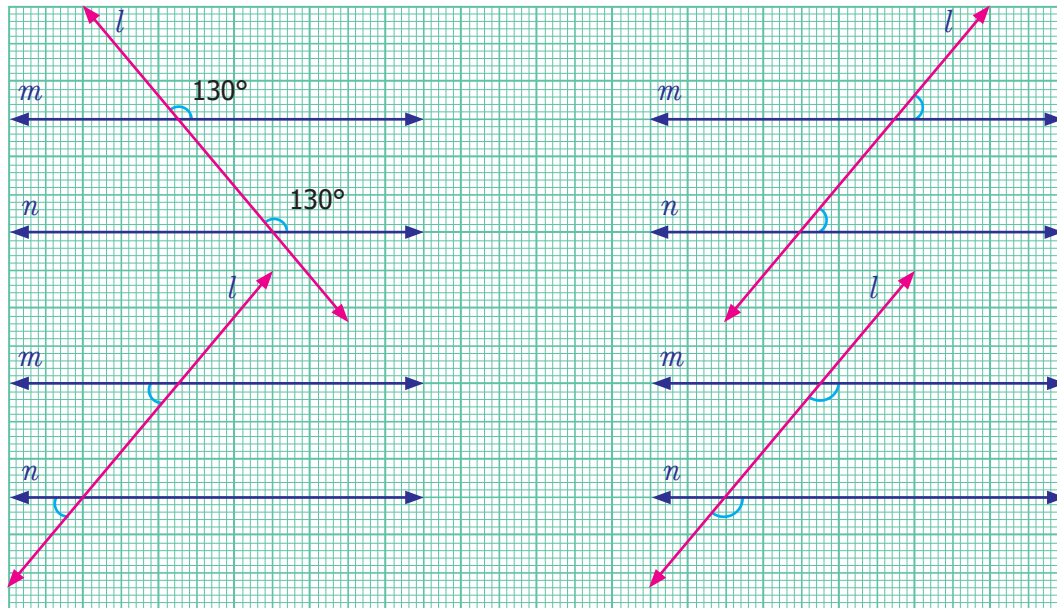




Activity

Observe the marked pair of corresponding angles in each figure. One in the interior and other in the exterior of the parallel lines and both lie on the same side of the transversal. One pair of angles are measured and found equal. Measure the remaining three pairs of angles and check.

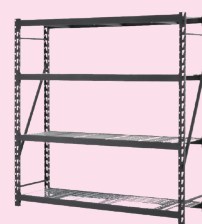
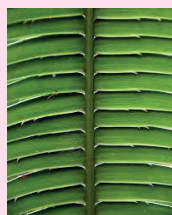


From the above activity, we can conclude that when two parallel lines are cut by a transversal, each pair of **corresponding angles** are equal.



Try these

1. Four real life examples for transversal of parallel lines are given below.



Give four more examples for transversal of parallel lines seen in your surroundings.

2. Find the value of x .

