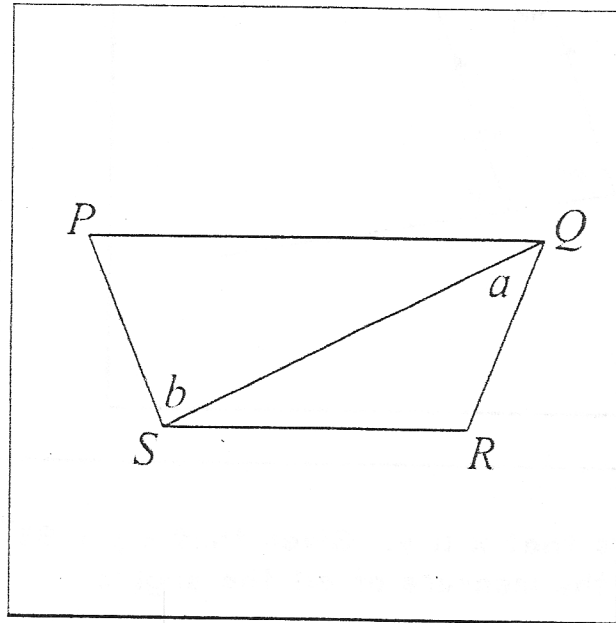


Name _____

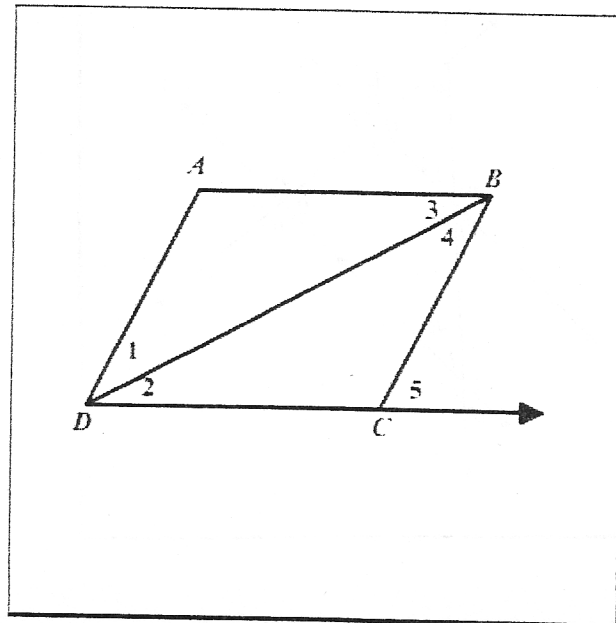
Block _____

Practice with Transversals

1. Identify the transversal in the following figure. _____
What kind of angles are $\angle a$ and $\angle b$? _____

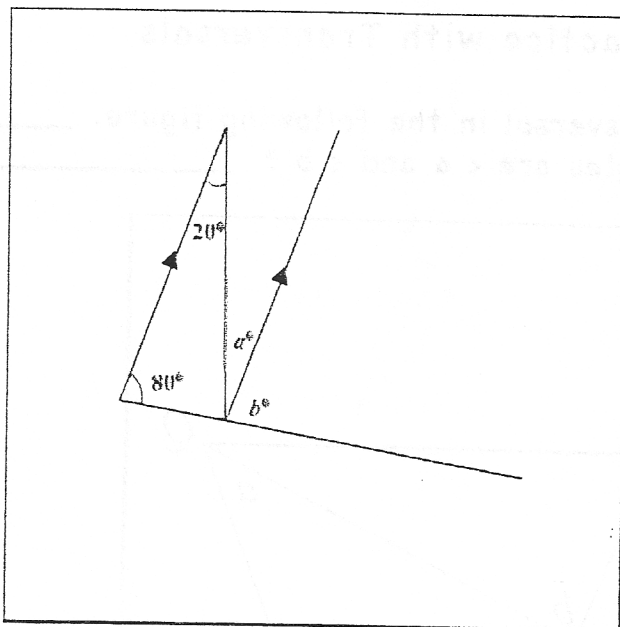


2. Use the parallelogram below and name the two lines and the transversal that form the given pair of angles. List all the alternate interior angles.

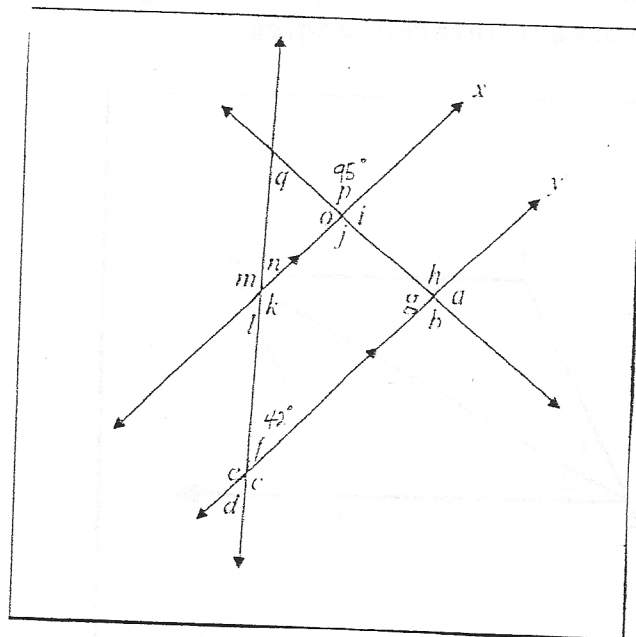


3.

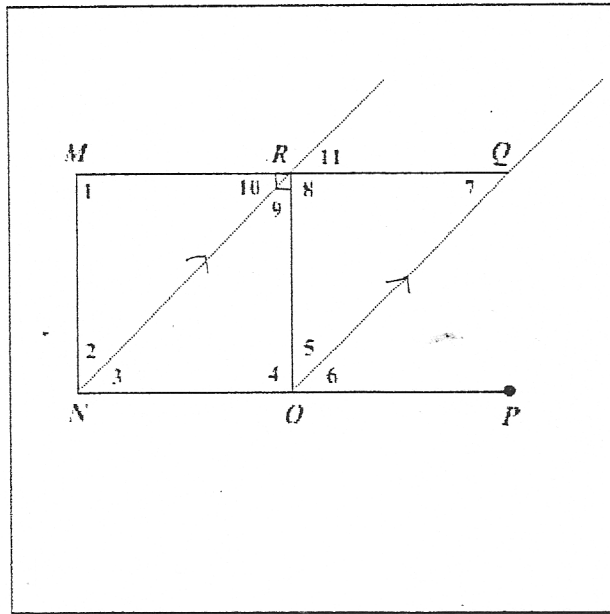
Obtain the values of a and b .



4. The figure shows that $x \parallel y$. Given that $\angle p = 95^\circ$ and $\angle f = 42^\circ$, Find the measure of all the angles.



5. In the figure below $\angle 5 + \angle 6 = \angle 9 + \angle 10$ and line segment OQ bisects $\angle ROP$. Find the measure of each angle in the figure.



6. In the figure below $\angle 3 = 95^\circ$ and $\angle 4 = 45^\circ$. Find the measure of each angle in the figure.

