## 9-4 Transversals

## Objectives:

- I can identify types of angles on two parallel lines cut by a transversal.
- I can find missing angles of two parallel lines cut by a transversal.

Review Vocab Supplementary: two L's that add to Comphentary: two L s that add to
$90^{\circ}$

Vertical:


C's that are OPPOSite each other

Adjacent: Share a side ta vertex

## New Vocab

## Vertical Angle:

Adjacent Angle:

Alternate Interior:
Are congruent


Alternate Exterior:
Corresponding:
Same side
Supp. or
the add to
180

Given the measurement of one angle, find the measure of ALL other angles.


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State the angle relationship and solve for $x$. Then find all other angle measures


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a.



