

# 3-1 Practice

## Lines and Angles

Use the diagram to name each of the following.

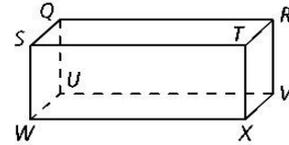
1. a pair of parallel planes

2. all lines that are parallel to  $\overleftrightarrow{RV}$

3. four lines that are skew to  $\overleftrightarrow{WX}$

4. all lines that are parallel to plane  $QUVR$

5. a plane parallel to plane  $QUWS$



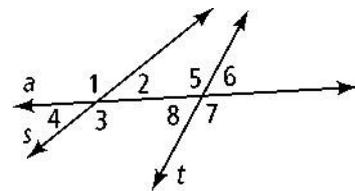
Identify all pairs of each type of angle in the diagram below right.

6. corresponding angles

7. same-side interior angles

8. alternate interior angles

9. alternate exterior angles



Decide whether the angles are *alternate interior angles*, *same-side interior angles*, *corresponding angles*, or *alternate exterior angles*.

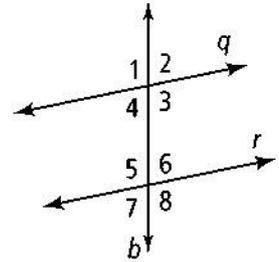
10. L2 and L7

11. L5 and L4

12. L8 and L3

13. L6 and L4

14. L1 and L5



15. The map at the right shows the intersection of Maple Street and Oak Street by Main Street. Name the angle pairs represented by the locations listed below.

a. town hall and gas station

b. school and library

c. library and post office

d. school and gas station

