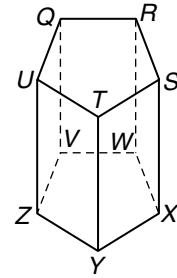


3-1 Practice

Parallel Lines and Transversals

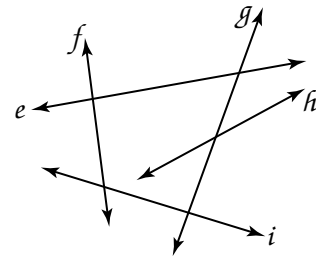
For Exercises 1–4, refer to the figure at the right.



1. Name all planes that intersect plane STX .
2. Name all segments that intersect \overline{QU} .
3. Name all segments that are parallel to \overline{XY} .
4. Name all segments that are skew to \overline{VW} .

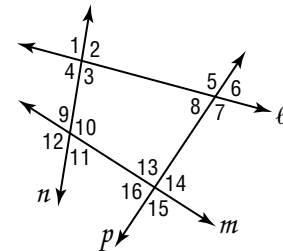
Identify the sets of lines to which each given line is a transversal.

5. e
6. h



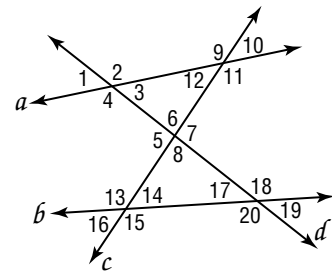
Identify each pair of angles as *alternate interior*, *alternate exterior*, *corresponding*, or *consecutive interior* angles.

7. $\angle 9$ and $\angle 13$
8. $\angle 6$ and $\angle 16$
9. $\angle 3$ and $\angle 10$
10. $\angle 8$ and $\angle 14$



Name the transversal that forms each pair of angles. Then identify the special name for the angle pair.

11. $\angle 2$ and $\angle 12$
12. $\angle 6$ and $\angle 18$
13. $\angle 13$ and $\angle 19$
14. $\angle 11$ and $\angle 7$



FURNITURE For Exercises 15–16, refer to the drawing of the end table.

15. Find an example of parallel planes.
16. Find an example of parallel lines.

