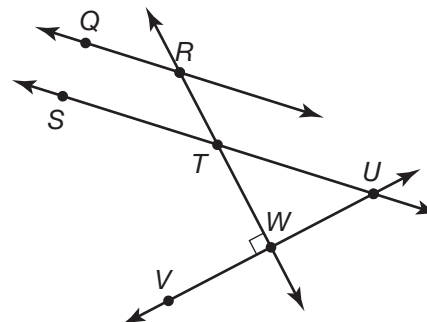


Basic Geometric Ideas

Use the diagram at the right. Name the following.



1. Two perpendicular lines

2. Two rays

3. Two parallel lines

4. Four line segments

5. Two lines that intersect

Draw a diagram to illustrate each situation.

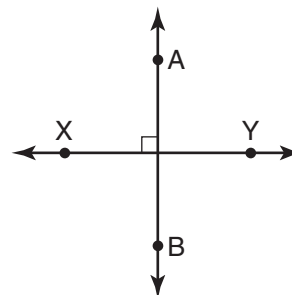
6. \overline{XY} with midpoint R

7. \overline{JK} perpendicular to \overline{LM}

8. **Reasoning** How many points are shared by two perpendicular lines? By two parallel lines?

9. Which best describes the diagram?

- A Perpendicular lines
- B Parallel lines
- C Skew lines
- D Intersecting lines



10. **Writing to Explain** In your own words, describe a plane.
