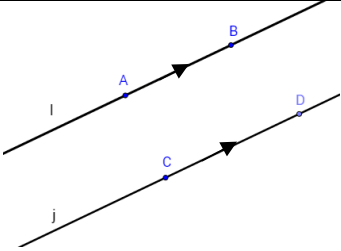
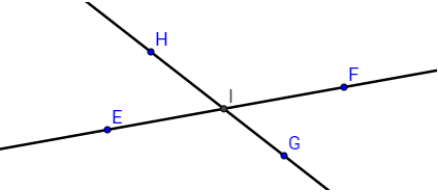
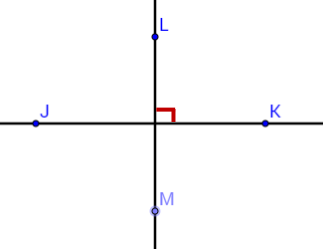
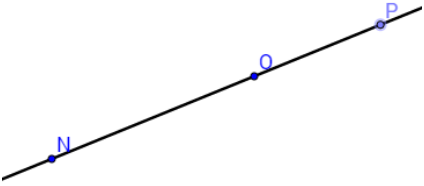
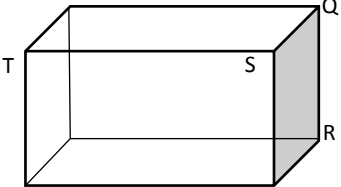


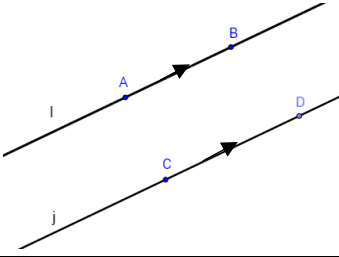
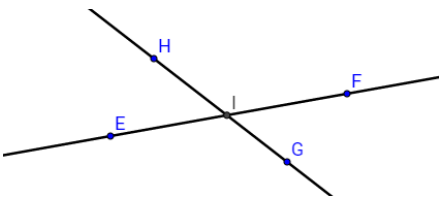
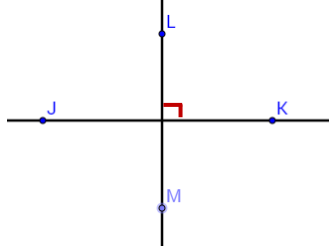
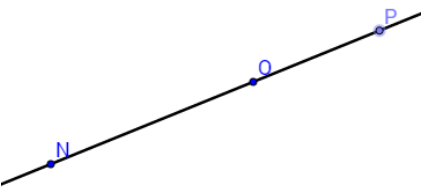
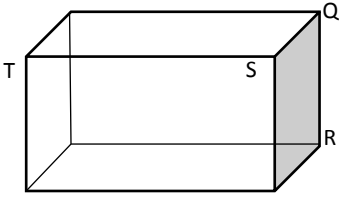
Types of Lines

| Characteristics | What You Draw | What You Say | What You Write |
|-----------------|---------------|--------------|----------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Types of Lines

| Visual | | | Term |
|--|--|--|---------------------|
|  <p>A diagram showing two parallel lines, labeled 'i' and 'j'. Line 'i' has points A and B, and line 'j' has points C and D. Arrows on both lines indicate they are parallel.</p> | | | Parallel Lines |
|  <p>A diagram showing two intersecting lines. The intersection point is labeled 'I'. Other points on the lines are labeled E, F, G, and H.</p> | | | Intersecting Lines |
|  <p>A diagram showing two perpendicular lines intersecting at a right angle, indicated by a red square symbol. Points on the lines are labeled J, K, L, and M.</p> | | | Perpendicular Lines |
|  <p>A diagram showing a single line with four points labeled N, O, P, and Q, representing coincident lines.</p> | | | Coincident Lines |
|  <p>A diagram of a rectangular prism with vertices labeled T, S, R, and Q. Two lines are shown: one on the top face (TS) and one on the back face (RQ). These lines are skew lines as they do not intersect and are not parallel.</p> | | | Skew Lines |

Types of Lines

| Characteristics | What You Draw | What You Say | What You Write |
|---|--|---|--|
| <p>Parallel lines never cross and stay the same distance apart. They are coplanar. They have 0 points in common.</p> |  | <p>Line AB is parallel to line CD or line l is parallel to line j</p> | $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$ <p style="text-align: center;">or</p> $\text{line } l \parallel \text{line } j$ |
| <p>Intersecting lines pass through the same point. They have one point in common.</p> |  | <p>Lines HG and EF intersect at point I.</p> | <p>\overleftrightarrow{HG} intersects \overleftrightarrow{EF}. (There is no symbol for intersection of lines.)</p> |
| <p>Perpendicular lines intersect at right angles. They have one point in common.</p> |  | <p>Line LM is perpendicular to line JK.</p> | $\overleftrightarrow{LM} \perp \overleftrightarrow{JK}.$ |
| <p>Coincident lines are the same line. They have an infinite number of points in common.</p> |  | <p>Line NO and line OP are coincident lines.</p> | <p>(There is no symbol for coincident lines.)</p> |
| <p>Skew lines are lines that are non-coplanar and never intersect. They have 0 points in common.</p> |  | <p>Line TS and line QR are skew lines.</p> | <p>\overleftrightarrow{TS} and \overleftrightarrow{QR} are skew. (There is no symbol for skew lines.)</p> |

