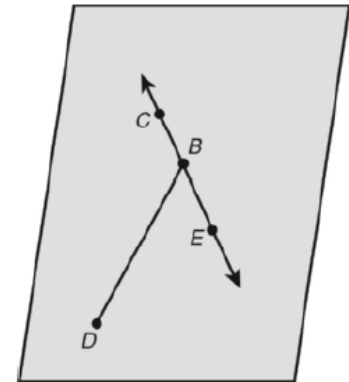


LESSON
1-1

Practice B
Understanding Points, Lines, and Planes

Use the figure for Exercises 1–7.



1. Name a plane. _____
2. Name a segment. _____
3. Name a line. _____
4. Name three collinear points.

5. Name three noncollinear points.

6. Name the intersection of a line and a segment not on the line. _____

7. Name a pair of opposite rays. _____

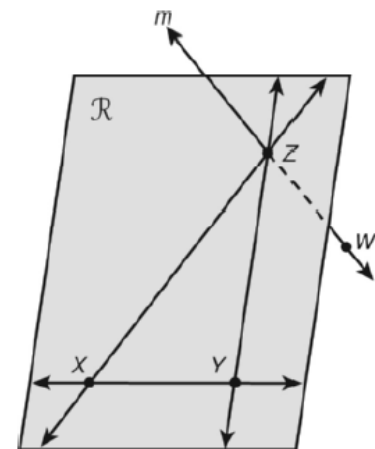
Use the figure for Exercises 8–11.

8. Name the points that determine plane \mathcal{R} .

9. Name the point at which line m intersects plane \mathcal{R} . _____

10. Name two lines in plane \mathcal{R} that intersect line m .

11. Name a line in plane \mathcal{R} that does not intersect line m . _____





Draw your answers in the space provided.

Michelle Kwan won a bronze medal in figure skating at the 2002 Salt Lake City Winter Olympic Games.

12. Michelle skates straight ahead from point L and stops at point M . Draw her path.
13. Michelle skates straight ahead from point L and continues through point M . Name a figure that represents her path. Draw her path.
14. Michelle and her friend Alexei start back to back at point L and skate in opposite directions. Michelle skates through point M , and Alexei skates through point K . Draw their paths.

Practice B

1. Possible answers: plane BCD ; plane BED
2. \overline{BD} , \overline{BC} , \overline{BE} , or \overline{CE}
3. Possible answers: \overline{EC} ; \overline{BC} ; \overline{BE}
4. Points B , C , and E
5. Possible answers: points B , C , and D or point B , E , and D
6. point B
7. \overline{BC} and \overline{BE}
8. points X , Y , and Z
9. point Z
10. \overline{XZ} and \overline{YZ}
11. \overline{XY}
12. 
13. 
ray
14. 