

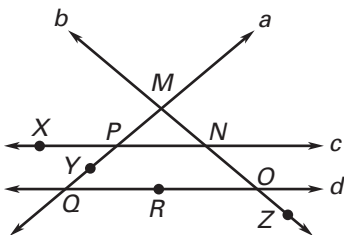
Standardized Test Practice

For use with pages 10–16

TEST TAKING STRATEGY Work as quickly as you can through the easier sections but avoid making careless errors on easy questions.

1. **Multiple Choice** The symbol \overrightarrow{BC} represent?
- (A) segment BC . (B) line BC .
 (C) point B . (D) ray BC .
 (E) ray CB .

Multiple Choice In Exercises 2–6, refer to the diagram below.



2. Name a point that is collinear to points N and Z .
- (A) P (B) O (C) M
 (D) P and X (E) O and M
3. Name a point that lies on line c .
- (A) M (B) P (C) Z
 (D) Q (E) O
4. Name a point that is collinear to points P and Q .
- (A) M (B) N (C) Y
 (D) X (E) M and Y
5. Name a point that is coplanar to line a .
- (A) N (B) O (C) R
 (D) Q (E) all of these
6. Name three noncollinear points.
- (A) P, Y, Q (B) M, N, P (C) M, N, Z
 (D) Q, R, O (E) X, N, P
7. **Multiple Choice** \overleftrightarrow{AB} and \overleftrightarrow{BD} intersect at _____.
- (A) A (B) B (C) C
 (D) D (E) none of these
8. **Multiple Choice** Points W, X, Y and Z are not coplanar. What is the intersection of plane WXY and WYZ ?
- (A) \overleftrightarrow{WX} (B) \overleftrightarrow{WY} (C) W and Y
 (D) The planes do not intersect.
 (E) Cannot be determined.
9. **Multi-Step Problem** Follow the directions below to sketch the desired shape.
- Draw a plane. Label the four corners A, B, C , and D , starting at the bottom left and proceeding clockwise.
 - Draw four parallel lines, $\overleftrightarrow{AE}, \overleftrightarrow{BF}, \overleftrightarrow{CG}$, and \overleftrightarrow{DH} , so that each line intersects plane $ABCD$ once, and points E, F, G , and H are coplanar. Plane $ABCD$ and plane $EFGH$ are parallel.
 - Draw $\overline{EH}, \overline{HG}, \overline{FG}$, and \overline{EF} .
 - What shape is outlined by the figure?