

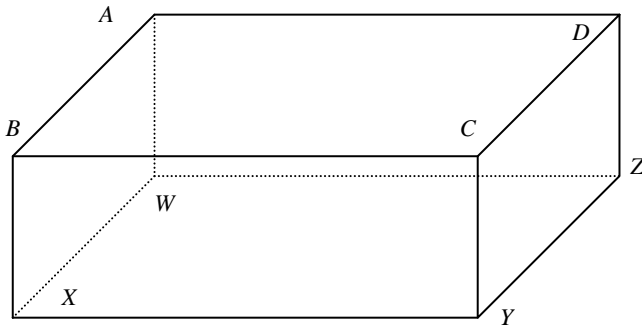
CA Grade 7 Standard 7.MG.3.6

MULTIPLE CHOICE

1. Which of the following is true about skew lines?

- A. They are noncoplanar. C. They intersect.
 B. They are parallel. D. They are perpendicular.

The drawing below represents a rectangular solid.



2. Which of the following is *not* a face of the solid?

- A. $CDZY$ C. $BXZD$
 B. $WXYZ$ D. $ADZW$

3. Name a diagonal of the solid.

- A. \overline{XZ} C. \overline{CZ}
 B. \overline{BD} D. \overline{XD}

4. If all of the edges on the prism were extended to lines, which of the following represent skew lines?

- A. \overleftrightarrow{AB} and \overleftrightarrow{CD} C. \overleftrightarrow{AB} and \overleftrightarrow{YZ}
 B. \overleftrightarrow{AB} and \overleftrightarrow{WX} D. \overleftrightarrow{AB} and \overleftrightarrow{CY}

5. Hector sees two planes in space. Which of the ways can the planes *not* be related?

- A. They can be parallel. C. They can intersect at a point.
 B. They can be perpendicular. D. They can intersect at a line.

6. Carson is trying to draw a triangular prism. What shape should he draw the faces?

- A. triangles C. right triangles
 B. rectangles D. trapezoids

