LESSON **Practice B**
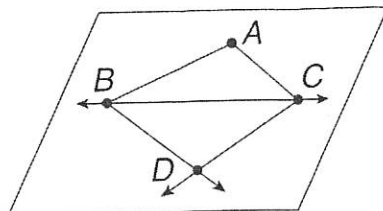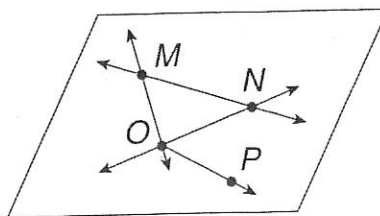**8-1** *Building Blocks of Geometry*

Identify the figures in the diagram.

1. three points _____

2. one line _____

3. a plane _____

4. four rays _____
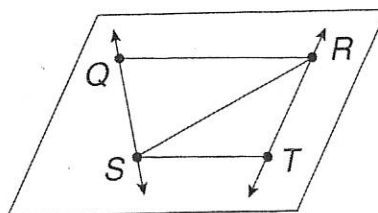
5. three line segments _____

Identify the figures in the diagram.

6. four points _____

7. three lines _____

8. a plane _____

9. three rays _____
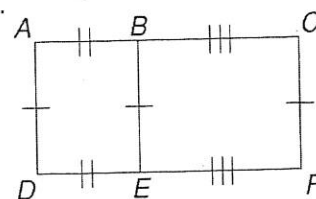
10. four line segments _____

Identify the figures in the diagram.

11. four points _____

12. two lines _____

13. a plane _____

14. four rays _____

15. five line segments _____

16. Identify the line segments that are congruent in the figure.

_____

_____

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LESSON
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Problem Solving

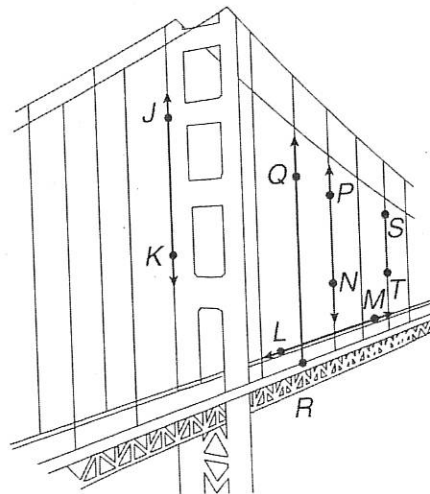## Building Blocks of Geometry

Write the correct answer.

The drawing shows a section of the Golden Gate Bridge in San Francisco.

1. Identify two lines that are suggested by the bridge.

   _____

2. Identify a ray and a line segment that are suggested by the bridge.

   _____

3. Identify two lines in the figure that are in the same plane.

   _____

4. Identify a plane in the figure.

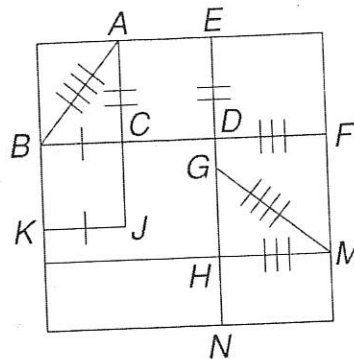   _____

Choose the letter for the best answer.

The drawing is an artist's sketch for an abstract painting.

5. Which line segment is congruent to $\overline{BC}$?

   A $\overline{AB}$ C $\overline{AC}$

   B $\overline{KJ}$ D $\overline{HM}$

6. Which line segment is congruent to $\overline{GM}$?

   F $\overline{AC}$ H $\overline{DE}$

   G $\overline{DF}$ J $\overline{AB}$

7. Which line segment is congruent to $\overline{ED}$?

   A $\overline{AC}$ C $\overline{DF}$

   B $\overline{CD}$ D $\overline{GH}$

8. Which line segment is congruent to $\overline{DF}$?

   F $\overline{ED}$ H $\overline{CJ}$

   G $\overline{HM}$ J $\overline{FM}$

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