Line Segments and Rays 1.2

Overview of Problems

🚩 *Example Set: A*

What do the following symbols represent?

1. $\overrightarrow{AB}$

2. $\overline{HJ}$

3. $\overline{CD} \cong \overline{GF}$

4. DE

Answer the following:

5. Do lines lave endpoints?

6. What are segments with equal length called?
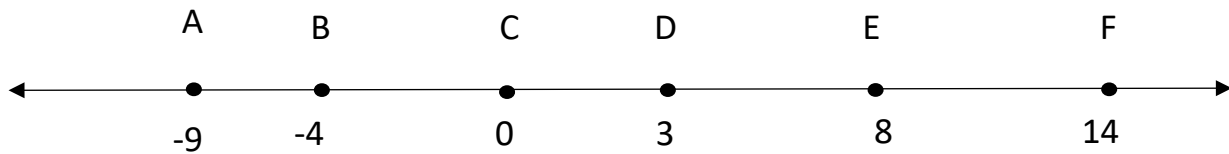
7. True or False: a plane can bisect a line

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🚩 *Example Set: B*

Use the line to answer the questions:

```
      A       B           C           D           E                   F

  ◄───────●───────────●───────────●───────────●───────────●───────────────────►
      -9      -4          0           3           8                   14
```

1. What is the coordinate of point **F?**

2. Name a line segment that is congruent to $\overline{AB}$

3. What is the length between **B** and **E**?

4. What coordinate is the midpoint of $\overline{DF}$?

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Overview of Problems

🚩 *Example Set: A -**ANSWER KEY***

What do the following symbols represent?

1. $\overrightarrow{AB}$ Ray AB

2. $\overline{HJ}$ Line segment HJ

3. $\overline{CD} \cong \overline{GF}$ Segment CD is congruent to segment GF

4. DE Distance between point D and E

Answer the following:

5. Do lines lave endpoints? NO

6. What are segments with equal length called? Congruent
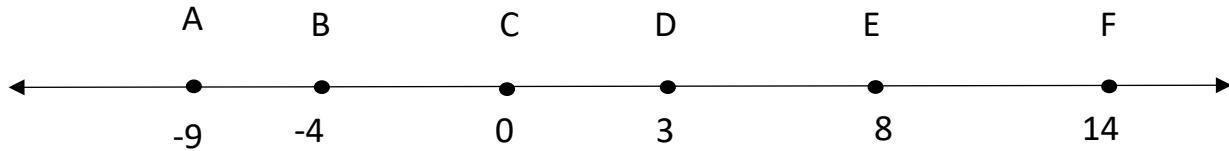
7. True or False: a plane can bisect a line False

Line Segments and Rays 1.2

Overview of Problems

🚩 *Example Set: B-* **ANSWER KEY**

Use the line to answer the questions:

A   B   C   D   E   F

-9   -4   0   3   8   14

1. What is the coordinate of point *F?*   14

2. Name a line segment that is congruent to $\overline{AB}$ $\overline{DE}$

3. What is the length between *B* and *E*?   12

4. What coordinate is the midpoint of $\overline{DF}$? 8.5