MY Homework

Homework Helper

eHelp

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Abbey is reading the instructions in her drawing book. The instructions are to draw $\overleftrightarrow{AB}$, $\overrightarrow{EK}$, and $\overline{JT}$. What figures should she draw?

A line is a straight set of points that extend in opposite directions without ending. You can represent it as line AB or $\overleftrightarrow{AB}$.
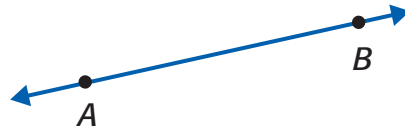
A ray is a figure that has one endpoint and extends in one direction without ending. You can represent it as ray EK or $\overrightarrow{EK}$.
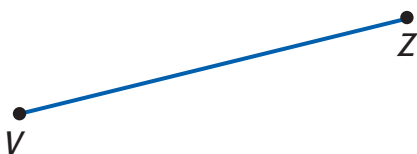

A line segment is a part of line between two endpoints. You can represent it as line segment JT or $\overline{JT}$.

Practice

Identify each figure.

1.

2.

Draw each figure.

3. $\overline{YB}$

4. $\overrightarrow{LR}$
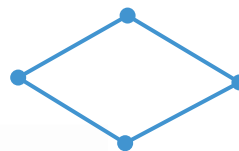
Problem Solving

5. How many line segments are represented in this figure?

_____

How many points are represented in this figure?

_____

Vocabulary Check

Choose the correct word(s) to complete each sentence.

endpoint   line   line segment   point   ray

6. A _____ is part of a line between two endpoints.

7. An exact location represented by a dot is a _____.

8. A _____ is a figure that extends in opposite directions without ending.

9. A ray has one _____.

10. A _____ extends in one direction without ending.

Test Practice

11. Which is the correct way to represent the figure?

Ⓐ ray *WB*

Ⓒ $\overline{WB}$

Ⓑ line segment *WB*

Ⓓ $\overleftrightarrow{WB}$

W

B

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