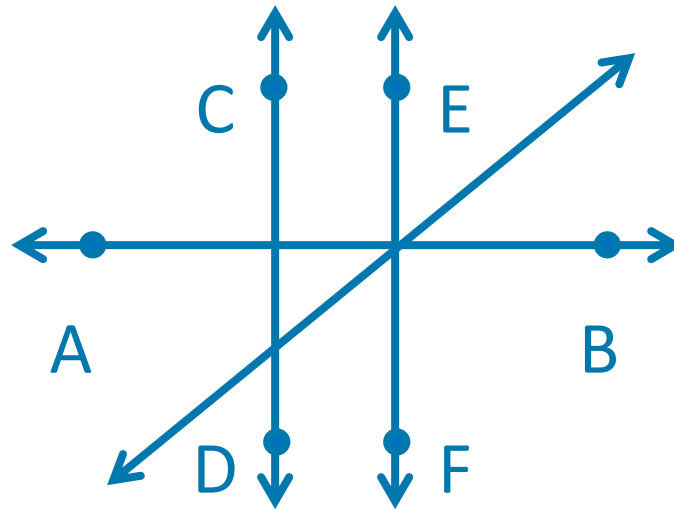
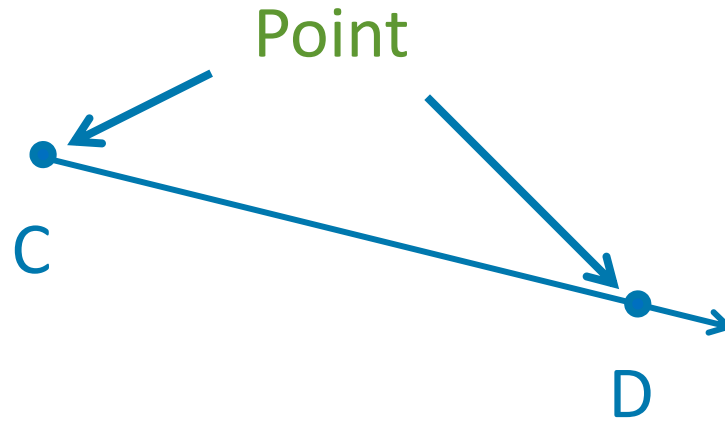


How do you name and classify these geometric figures?



In this lesson you will learn how to label and name points, lines, rays and angles by using math notation.

Let's Review



Core Lesson

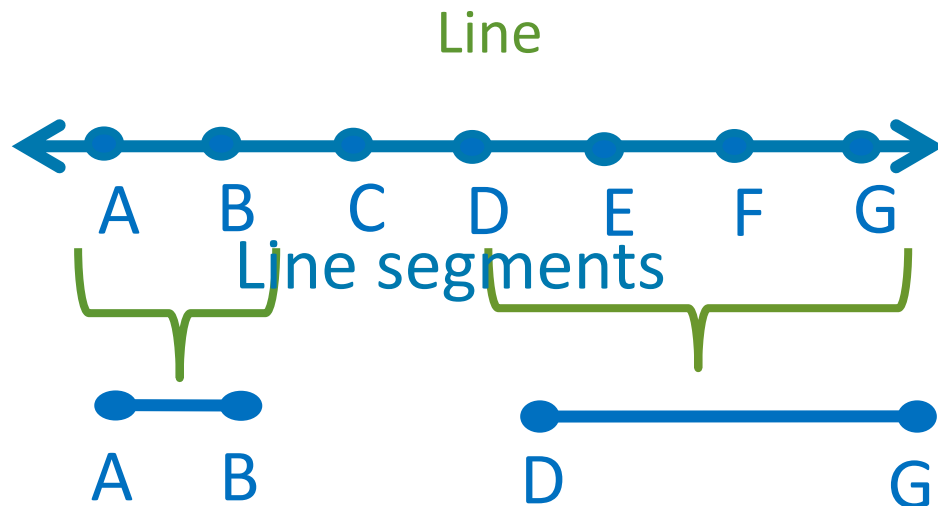
Line



Written: $\overleftrightarrow{AB}$ or $\overleftrightarrow{BA}$

How do you say it? Line AB or Line BA

Core Lesson



Written:

$\overleftrightarrow{AB}$

or

$\overleftrightarrow{DG}$

How do you say it?

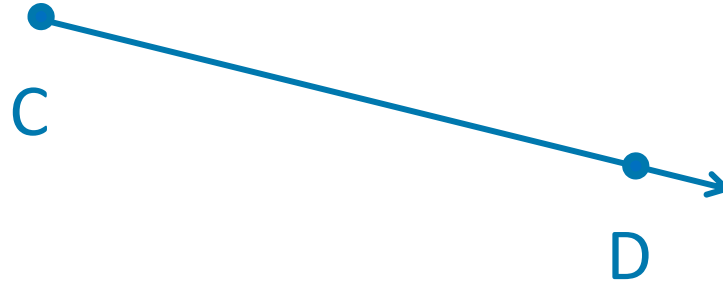
Line segment AB

or

Line Segment DG

Core Lesson

Ray



Written:



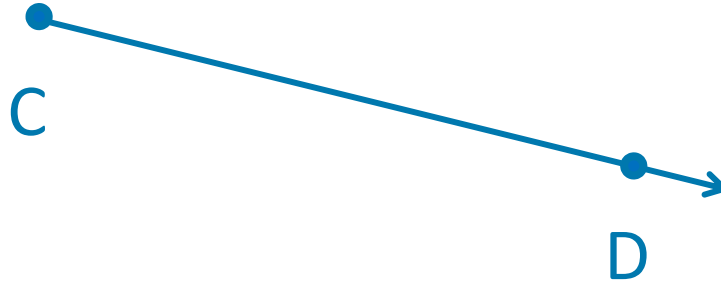
CD

How do you say it?

Ray CD

A Common Misunderstanding

How do you name this ray?

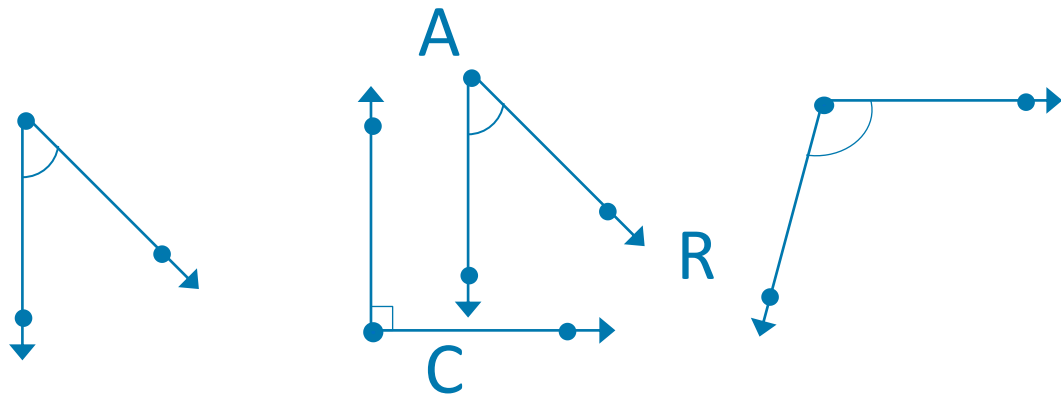


Written:

How do you name this ray? $\overrightarrow{DC}$

Core Lesson

Angles



Written: $\angle$ CAR or $\angle$ RAC or $\angle$ A

How do you say it? Angle CAR or

Angle RAC or Angle A

A Common Misunderstanding

How do you name this angle?



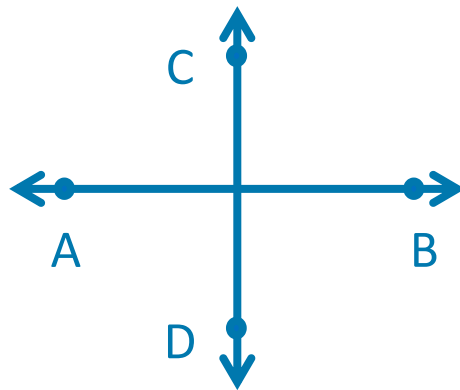
Written: $\angle CRA$

How do you say $\angle CRA$ or Angle CRA

Core Lesson

Remember the order of the points do not matter because lines continue in both directions.

Perpendicular Lines



Written:

$\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$

or

$\overleftrightarrow{BA} \perp \overleftrightarrow{DC}$

How do you say it?

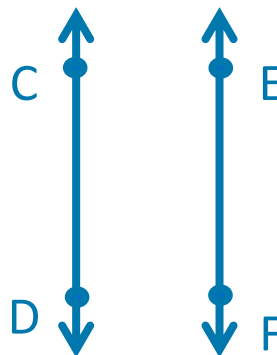
Line AB is perpendicular to Line CD

or Line BA is perpendicular to Line DC

Core Lesson

Remember the order of the points do not matter because lines continue in both directions.

Parallel Lines



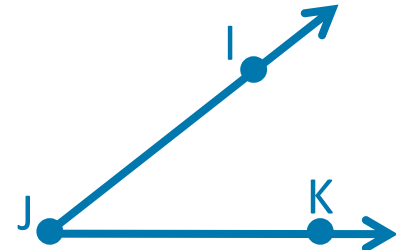
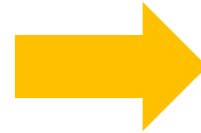
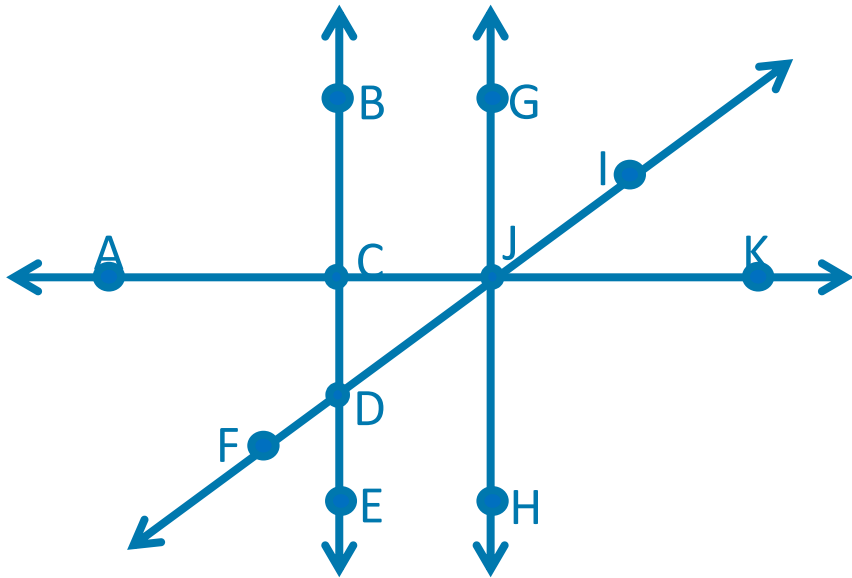
Written: $\overleftrightarrow{CD} \parallel \overleftrightarrow{EF}$ or $\overleftrightarrow{DC} \parallel \overleftrightarrow{FE}$

How do you say it?

Line CD is parallel to Line EF

or Line DC is parallel to Line FE

How do you name and classify geometric figures?



$\angle IJK$ or $\angle KJI$ or $\angle J$

In this lesson you have learned how to label and name points, lines, rays and angles by using math notation.