

Overview of problems



Example Set: A

Define Postulate and provide one example

Define Theorem and provide one example

E is a point between D and J. Is the statement $DE + EJ = DJ$ true?(explain)

How many lines can pass through two points?



Example Set: B

Can two lines intersect in more than one point?

When two planes intersect, is the intersection also a plane?

Space has at least _____ points?

What is the Number Line Postulate?

Theorems and Postulates



Overview of problems- KEY



Example Set: A

Define Postulate and provide one example

A mathematical statement we accept on faith
(Angle Addition Postulate)

Define Theorem and provide one example

A mathematical statement we can prove
(Theorem - two lines intersect at one point)

E is a point between D and J . Is the statement $DE + EJ = DJ$ true? (explain)

True, Segment Addition Postulate

How many lines can pass through two points?

1 line



Example Set: B

Can two lines intersect in more than one point? **No**

When two planes intersect, is the intersection also a plane?

No, it's a line

Space has at least 4 points?

What is the Number Line Postulate?

A point can be associated with a number on the real number line.