

1.1

Points, Lines, and Planes

Groupwork

Within your partner try to define the following:

- Point -

• Line -

• Plane -

What is a definition?

What do you call something that can't be defined?

Undefined terms



"DEFINITIONS"

Point -

Line -

Plane -



NOTES



A •



Postulates

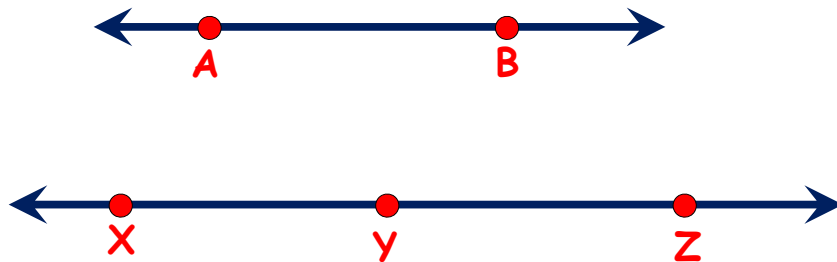
Postulate 1

Through any _____ points
there is exactly _____.

Postulate 2

If two _____ lines
_____, then they _____
at exactly _____.

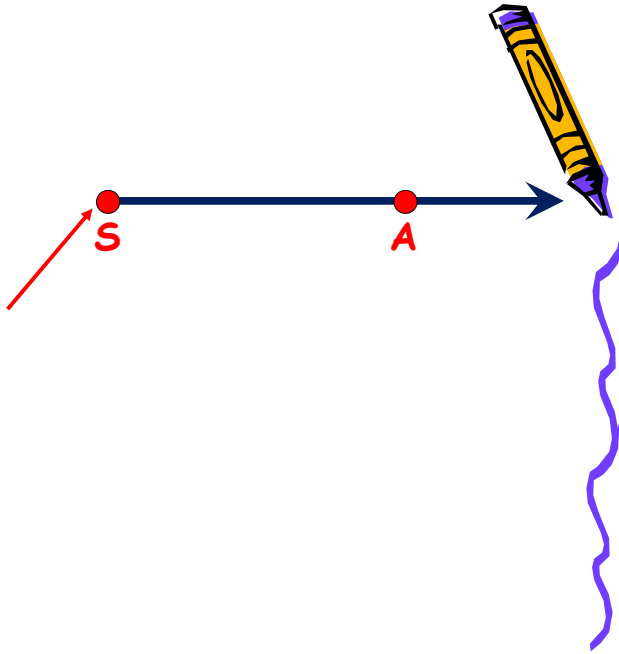
Naming Lines and Line Segments



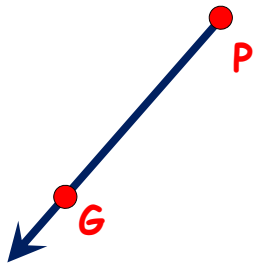
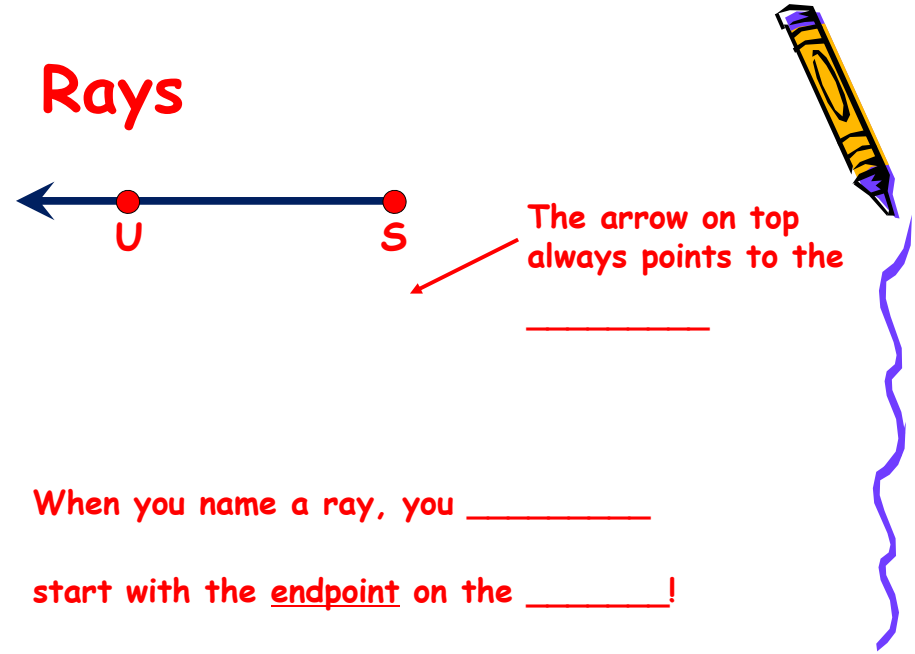
To name a line segment, it
is very similar.
Just Pick 2 points.



Rays



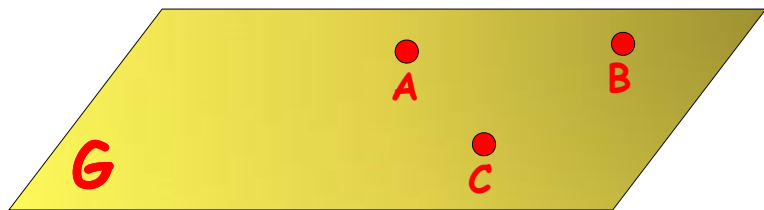
Rays



Different Direction Different Name



Naming a Plane



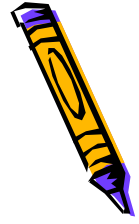
Drawing intersecting planes

Drawing intersecting planes

Postulate 3

If two _____ planes
_____, then they _____
at exactly _____ .

DEFINITIONS



Collinear –

Coplanar –



DEFINITIONS



Space –

Intersection –

