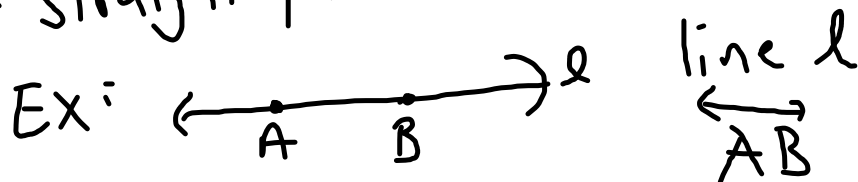


1.1 Points, lines, & Planes

Undefined terms: most basic figures in geometry

Point: names a location, & has no size.

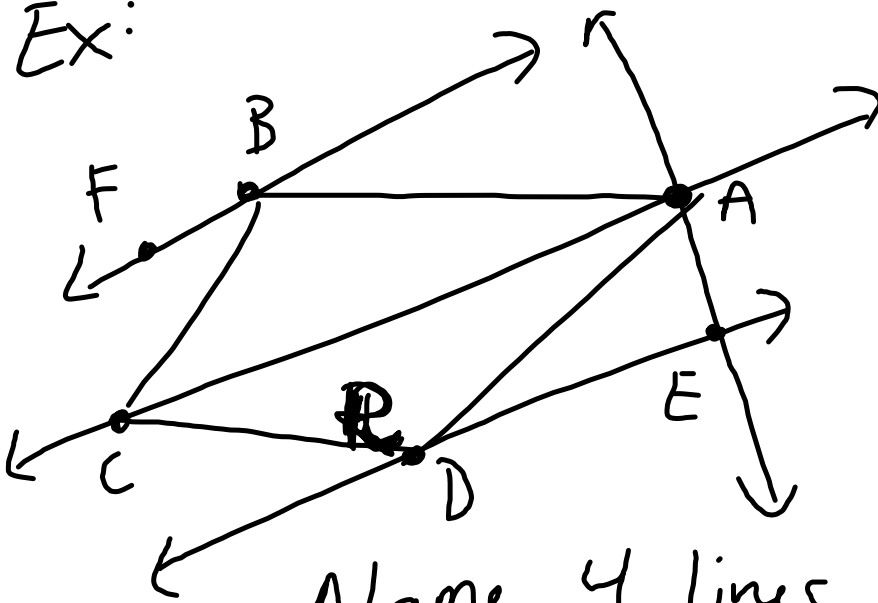
Line: straight path that extends forever



Plane: flat surface that extends forever

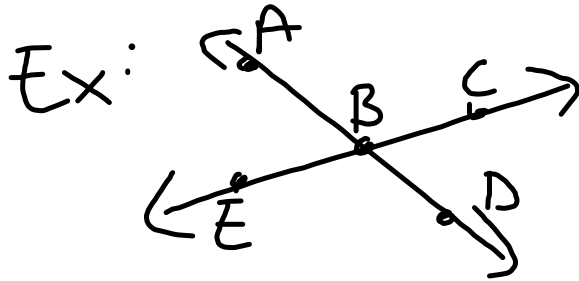


Ex:



Name 4 lines
Name 4 planes
Name 6 points

Collinear: Points are on the same line



Coplanar: Points on the same plane

Segments + Rays

Segment: part of a line consisting of 2 points and all the points in between.

Endpoints: point on one end of a segment or a ray.

Ray: part of a line that starts at an endpoint and then extends forever.

Opposite rays: two rays with a common endpoint extending in opposite directions.

Hw: P. 9
1-27