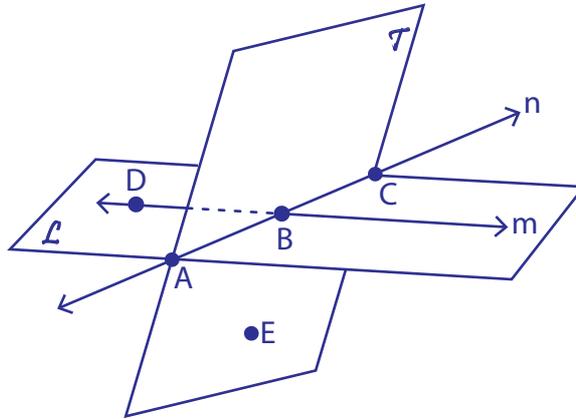


Points, Lines and Planes

Observe the figure and answer the following.

1)



a) Name the planes.

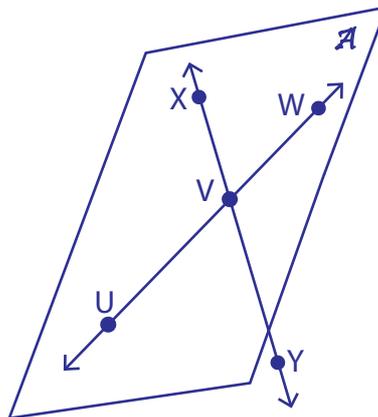
b) Write all the points on the plane \mathcal{L} .

c) Write a set of points which are not collinear in plane \mathcal{T} .

d) Write any three points which are coplanar in plane \mathcal{T} .

e) At which line do the planes \mathcal{L} and \mathcal{T} intersect?

2)



a) Name any two line segments.

b) Which point is not coplanar with the points U and V?

c) Write a set of points which are collinear.

d) Name a pair of opposite rays.

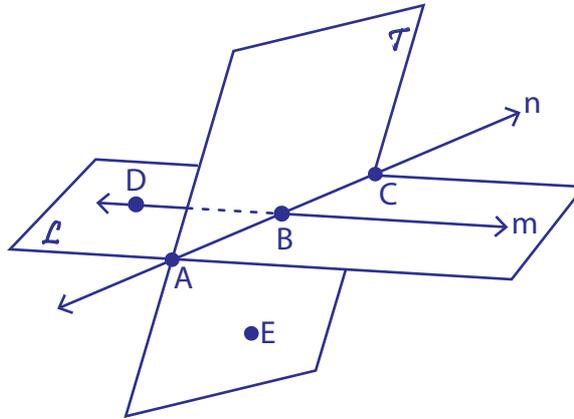
e) Name the plane in two ways.

Points, Lines and Planes

Sheet 1

Observe the figure and answer the following.

1)



- Name the planes.
- Write all the points on the plane \mathcal{L} .
- Write a set of points which are not collinear in plane \mathcal{T} .
- Write any three points which are coplanar in plane \mathcal{T} .
- At which line do the planes \mathcal{L} and \mathcal{T} intersect?

Plane \mathcal{T} and Plane \mathcal{L}

Points A, B, C and D

- Write a set of points which are not collinear in plane \mathcal{T} .

Points B, C and E

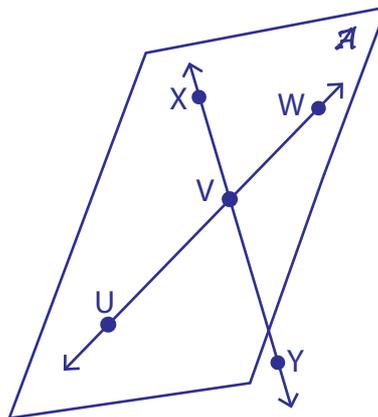
- Write any three points which are coplanar in plane \mathcal{T} .

Points A, B and E

- At which line do the planes \mathcal{L} and \mathcal{T} intersect?

Line n

2)



- Name any two line segments.
- Which point is not coplanar with the points U and V?
- Write a set of points which are collinear.
- Name a pair of opposite rays.
- Name the plane in two ways.

\overline{XY} and \overline{UW}

Point Y

Points U, V and W

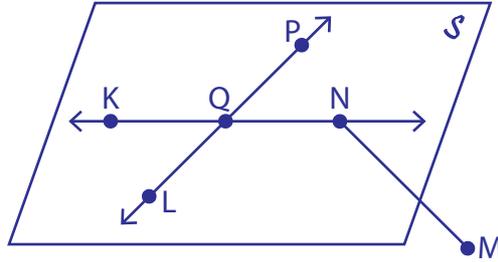
\overrightarrow{VX} and \overrightarrow{VY}

Plane \mathcal{A} and Plane UVWX

Points, Lines and Planes

Observe the figure and answer the following.

1)



- a) Name the points _____
- b) Write the coplanar points _____
- c) Name any two lines _____
- d) Write a set of points _____
- e) Write any two points _____

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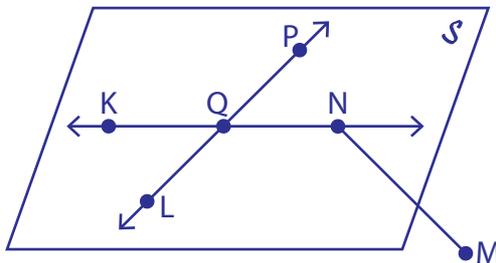
2)

- a) Which are the points that are not collinear with the points G and H? _____
- b) Name a pair of opposite rays. _____
- c) Name all the points. _____
- d) Name all the lines. _____
- e) Write a set of points which are not coplanar. _____

Points, Lines and Planes

Observe the figure and answer the following.

1)



- a) Name the points that are collinear.
- b) Write the coplanar points.
- c) Name any two lines.
- d) Write a set of points that are not collinear.
- e) Write any two points that are not coplanar.

Points K, Q and N

b) Write the coplanar points.

\overleftrightarrow{LP} and \overleftrightarrow{KN}

c) Name any two lines.

\overline{QN} and \overline{NM}

d) Write a set of points that are not collinear.

Points L, Q and P

e) Write any two points that are not coplanar.

Points Q and P

2)

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- a) Which are the points that are not collinear with the points G and H?
- b) Name a pair of opposite rays.
- c) Name all the points.
- d) Name all the lines.
- e) Write a set of points which are not coplanar.

Points F and D

\overrightarrow{HG} and \overrightarrow{HE}

Points D, E, F, G and H

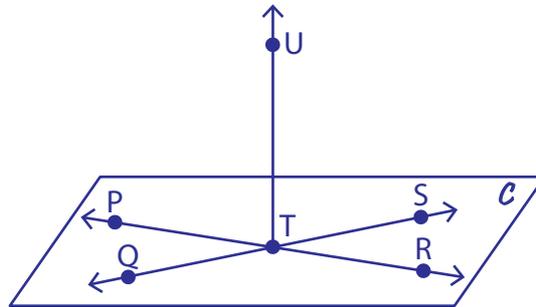
\overleftrightarrow{DF} and \overleftrightarrow{GE}

Points G, H and E

Points, Lines and Planes

Observe the figure and answer the following.

1)



- a) Which point is collinear with P and Q?
- b) Name any two lines in the figure.
- c) Write a set of points which are coplanar.
- d) Write the coplanar points.
- e) Name the plane in which P, Q, R, S are coplanar.

2)

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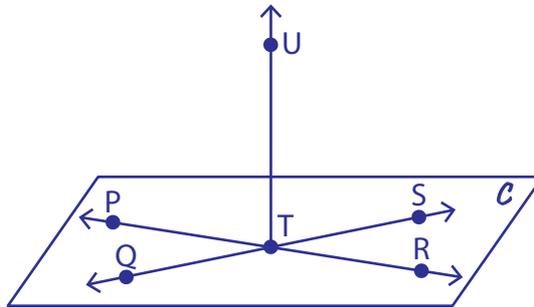
- a) Write all the points on the plane \mathcal{M} .
- b) At which line do the planes \mathcal{M} and \mathcal{N} intersect?
- c) Write a set of points which are coplanar in plane \mathcal{M} .
- d) Which are the points that are not collinear with the points A and B?
- e) Name the points on \overleftrightarrow{AC} .

Points, Lines and Planes

Sheet 3

Observe the figure and answer the following.

1)



- Which point is collinear with points P and Q?
- Name any two lines that intersect at point T.
- Write a set of points that are collinear.
- Write the coplanar points.
- Name the plane in which points P, Q, R, S, and T are located.

Point S

 \overline{QT} and \overline{PT}

Points S, R and U

 \overrightarrow{PR} and \overrightarrow{QS}

C and Plane PQRST

2)

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- Write all the points on the plane \mathcal{M} .
- At which line do the planes \mathcal{M} and \mathcal{N} intersect?
- Write a set of points which are coplanar in plane \mathcal{M} .
- Which are the points that are not collinear with the points A and B?
- Name the points on \overleftrightarrow{AC} .

Points A, B, C, D and E

 \overleftrightarrow{DE}

Points A, B and D

Points E and D

Points A, B and C