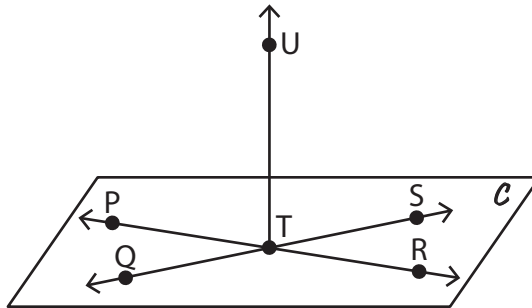


Observe the figure and answer the following.

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.

PREVIEW

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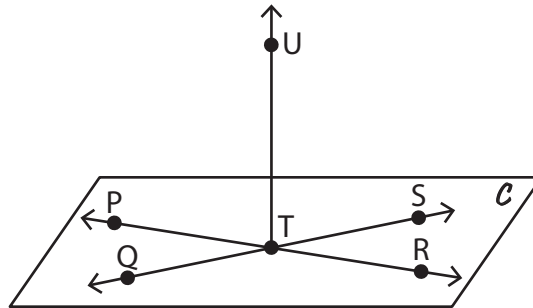
2)

- 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

Observe the figure and answer the following.

1)



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

Point S

\overline{QT} and \overline{PT}

Points S, R and U

\overleftrightarrow{PR} and \overleftrightarrow{QS}

C and Plane PQRST

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 A, B, C, D and E

\overleftrightarrow{DE}

Points A, B and D

Points E and D

Points A, B and C