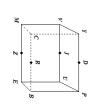


Which statements about the diagram are true?



- a. E is coplanar with plane RMC.
  b. plane VTM and plane EZB intersect at V.
  c. CM and CT intersect at C.
  d. U is coplanar with plane RMC.

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ExamView

Which are possible names for the angle?

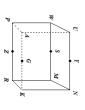


b. a 72 X

ZDWX ZDXW

ExamView

Which statements about the diagram are true?



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- a. N is coplanar with plane STU.
  b. P is coplanar with plane STU.
  c. plane RNM and plane NWM intersect at R.
  d. WU and WP intersect at W.

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ExamView

Which are possible names for the angle?

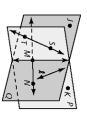


**р**. ∠5 ∠RPM

ъ. ∠RMP ∠MPR

1

## Determine which statements about the diagram you cannot conclude.



- a. Plane Q contains points J, M, and N.
- b. Line  $\ell$  and  $\overrightarrow{ST}$  are coplanar.
- c. Line  $\ell$  intersects  $\overrightarrow{MN}$  at point N. d.  $\overrightarrow{MN}$  and  $\overrightarrow{ST}$  intersect.

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ExamView

Name a line segment and the line it is on.



 $m\angle GEJ = 26^{\circ}$ 

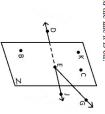
a.  $\overrightarrow{EC}$  and  $\overrightarrow{HC}$ b.  $\overrightarrow{EC}$  and  $\overrightarrow{JE}$ 

c.  $\overline{JE}$  and  $\overline{HC}$ d.  $\overline{JE}$  and  $\overline{JE}$ 

ExamView

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Name a line segment and the line it is on.



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a.  $\overrightarrow{EK}$  and  $\overrightarrow{ED}$ b.  $\overrightarrow{DE}$  and  $\overrightarrow{JG}$ 

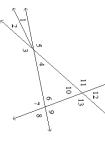
c.  $\overline{DE}$  and  $\overrightarrow{ED}$ d.  $\overline{EK}$  and  $\overrightarrow{JG}$ 

 $m\angle GEJ = 29^0$ 

sem\_01\_pt1\_notes.gwb - 8/13 - Wed Dec 05 2018 18:18:31

ExamView

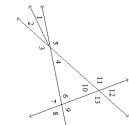
Complete the statement:  $\angle 13$  and  $\angle$ are vertical angles.



2



Complete the statement:  $\angle 10$  and  $\angle$  are vertical angles.



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If EF = 8x + 19, FG = 31, and EG = 146, find the value of x. The drawing is not to scale.

H

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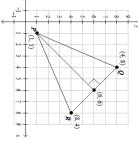
If EF = 3x + 11, FG = 12, and EG = 83, find the value of x. The drawing is not to scale.

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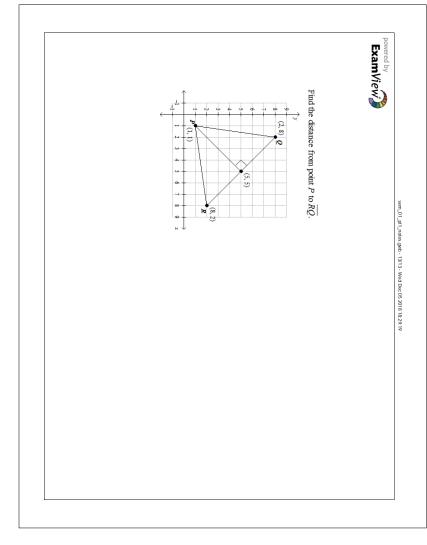
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Find the distance from point P to  $\overline{RQ}$ .



3



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