

Name _____ date _____ due _____

Geometry take home assignment #6 (THA6) All work must be shown and must be valid.

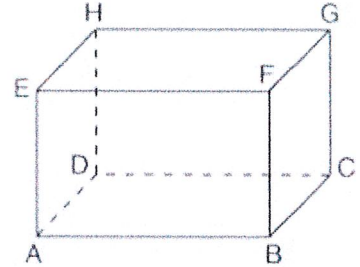
Symbols must be accurate.

1. name three undefined terms in geometry:

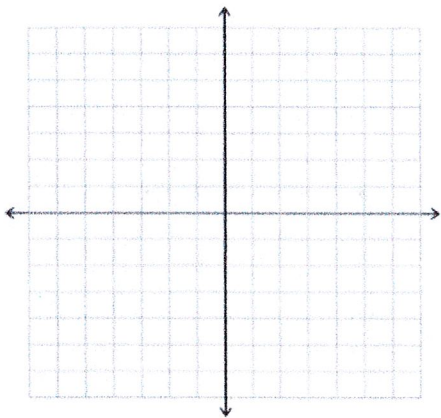
2. _____ True or false:

\overline{EH} and \overline{BC} are skew segments.

_____ true or false: \overline{AB} and \overline{CG} are skew segments.



3. plot A (-3, 5) B (4, 1) and C (0, -3)
Find the perimeter.

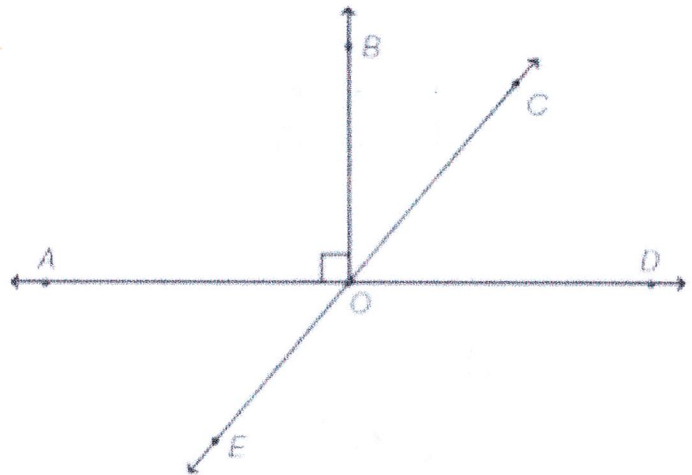


4. $m\angle BOC = 25^\circ$

$m\angle COD$ _____ $m\angle AOB$ _____

$m\angle AOE$ _____ $m\angle BOE$ _____

$m\angle DOE$ _____ $m\angle BOD$ _____



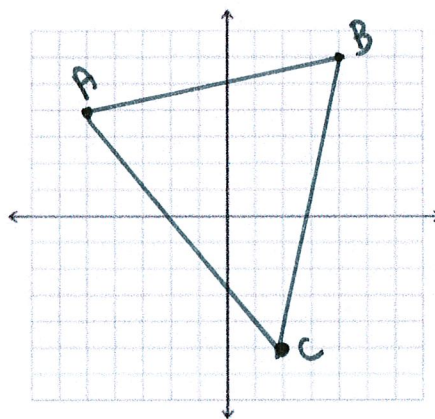
5. A line has the equation $y = -5x + 3$.
Find the equation of a line perpendicular to that line that passes through $(25, 10)$

6. Find the midpoint of each segment:

AB _____

BC _____

AC _____

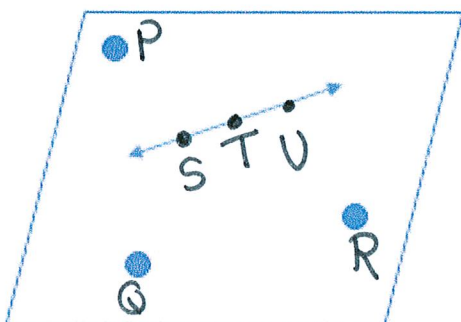


7. Name a pair of opposite rays



Name the line: _____

Name the plane _____



8. find the area

