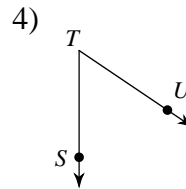
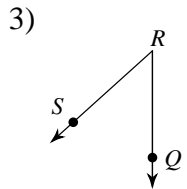
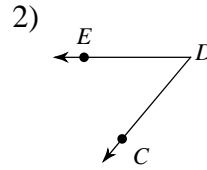
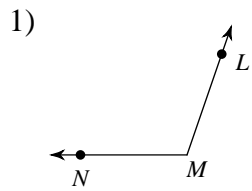
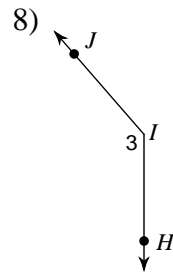
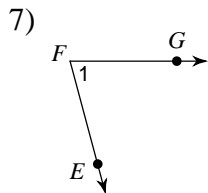
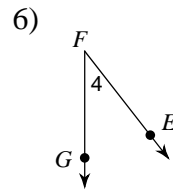
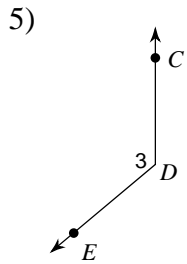


Naming Angles

Name the vertex and sides of each angle.



Name each angle in four ways.



Draw and label an angle to fit each description.

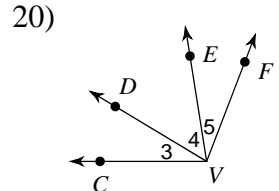
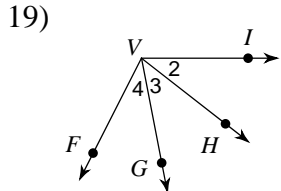
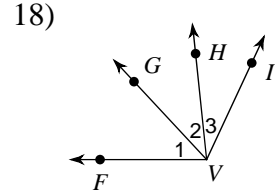
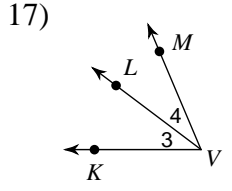
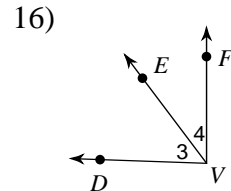
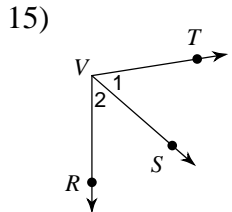
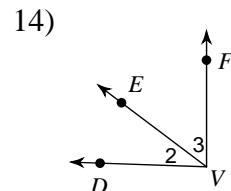
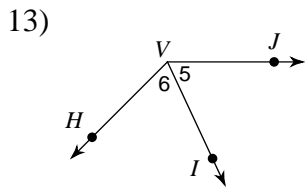
9) an obtuse angle, $\angle Y$

10) an acute angle, $\angle JIH$

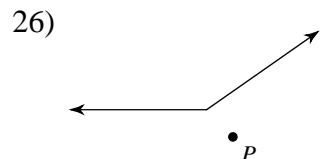
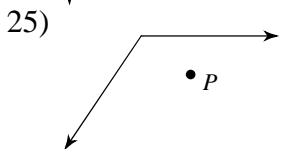
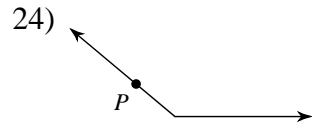
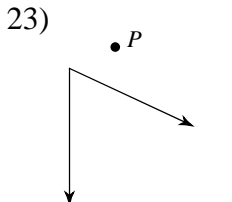
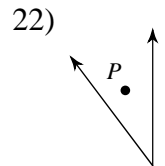
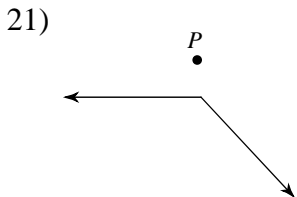
11) a right angle, $\angle 3$

12) a straight angle, $\angle CDE$

Name all the angles that have V as a vertex.



State if the given point is interior, exterior, or on the angle.



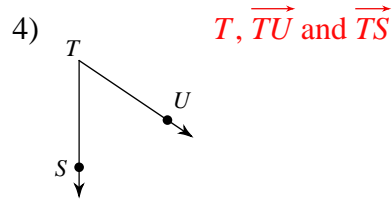
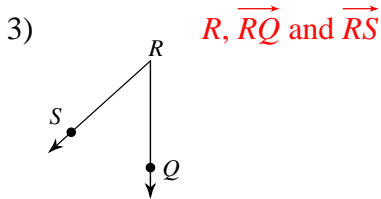
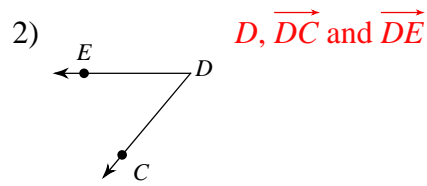
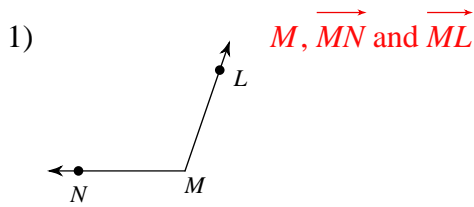
Critical thinking questions:

27) Draw a diagram with an acute angle ABC and an obtuse angle DBE so that point D is in the interior of angle ABC .

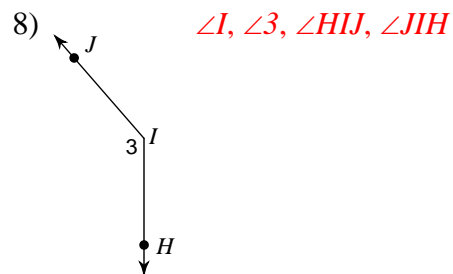
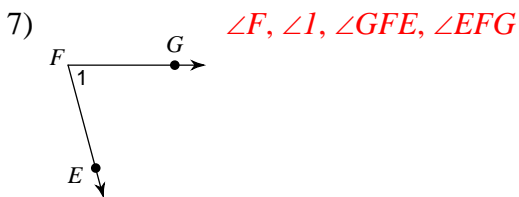
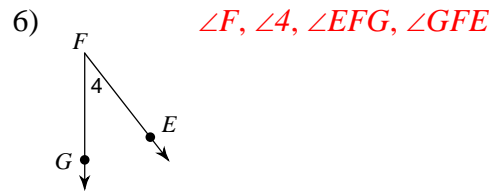
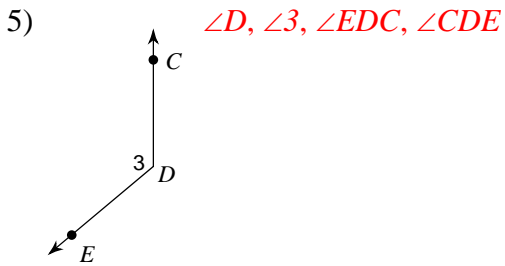
28) In question #27, why is it impossible for both point D and point E to be in the interior of angle ABC ?

Naming Angles

Name the vertex and sides of each angle.



Name each angle in four ways.

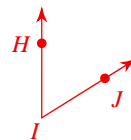


Draw and label an angle to fit each description.

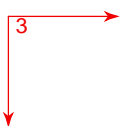
9) an obtuse angle, $\angle Y$



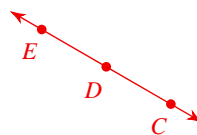
10) an acute angle, $\angle JIH$



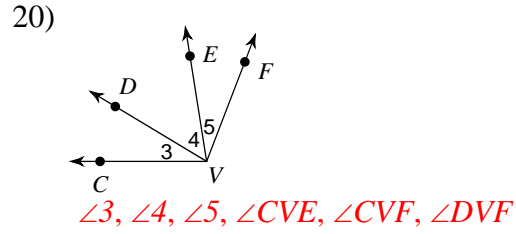
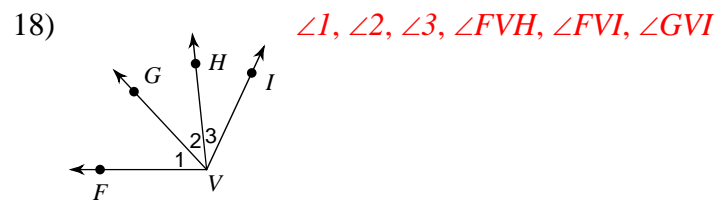
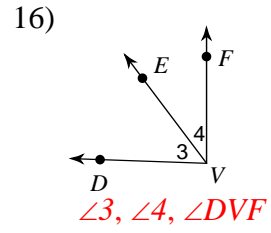
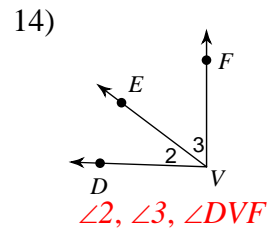
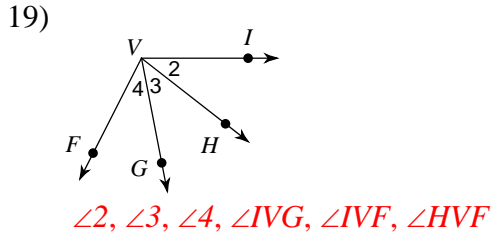
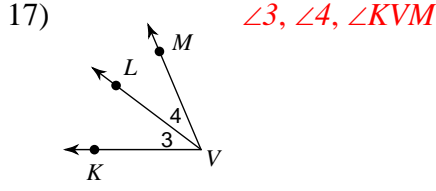
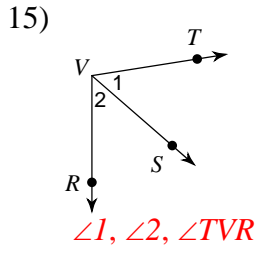
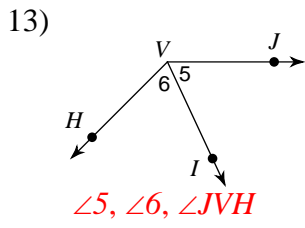
11) a right angle, $\angle 3$



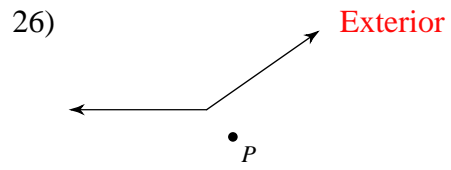
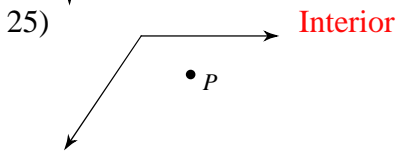
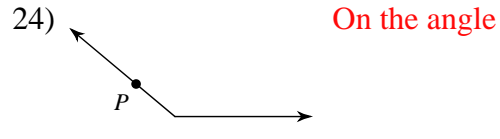
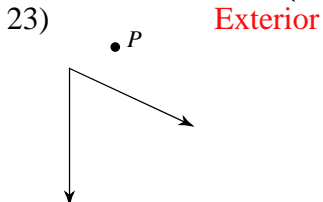
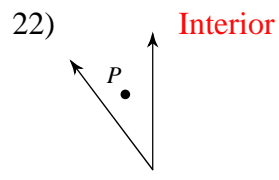
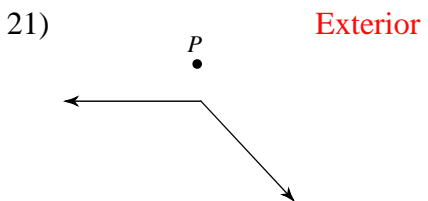
12) a straight angle, $\angle CDE$



Name all the angles that have V as a vertex.



State if the given point is interior, exterior, or on the angle.



Critical thinking questions:

27) Draw a diagram with an acute angle ABC and an obtuse angle DBE so that point D is in the interior of angle ABC .
 Answers vary

28) In question #27, why is it impossible for both point D and point E to be in the interior of angle ABC ?
 Because angle ABC is smaller than angle DBE