

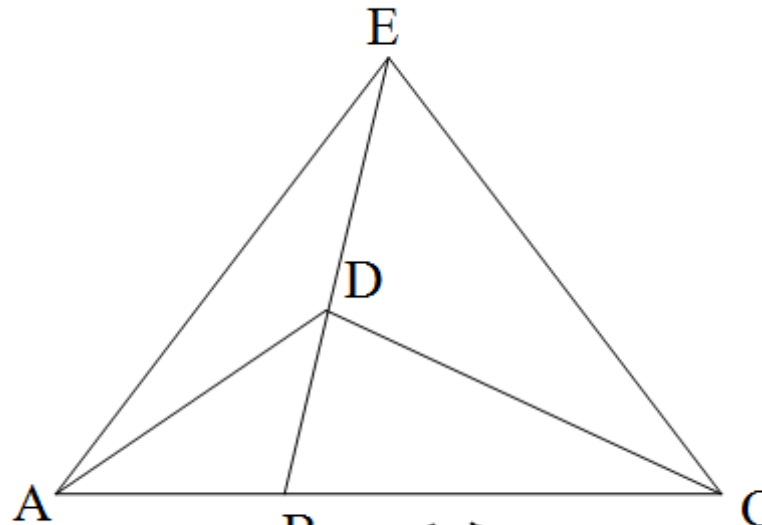
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## 1.1 Honors Geometry

DATE: 8/30Target 1A. Recognize and identify the basic terms of geometry.

Use the diagram to answer questions #1-12.

1) Name a line.  $\overleftrightarrow{AB}$ ,  $\overleftrightarrow{AC}$ ,  $\overleftrightarrow{DE}$ , ...2) Name a ray.  $\overrightarrow{AD}$ ,  $\overrightarrow{CE}$ ,  $\overrightarrow{DB}$ , ...

3) Name an angle.

} Answers vary

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3) Name an angle.  $\angle ADC, \angle ECB, \angle EDB$  Answers vary  
↳ str.  $\angle$

4) Where does segment AB intersect with segment EC?

5) Where does line AB intersect with line EC?  $\overline{AB} \cap \overline{EC} = \emptyset$   
 $\leftrightarrow \overline{AB} \cap \overline{EC} = C$

6)  $\overrightarrow{BD} \cap \overrightarrow{EC} = E$  7)  $\overrightarrow{BD} \cap \overrightarrow{DE} = \overrightarrow{DE}$  8)  $\overrightarrow{EB} \cap \overrightarrow{BE} = \overrightarrow{BE}$

9)  $\overrightarrow{EB} \cup \overrightarrow{BE} = \overleftrightarrow{EB}$  or  $\angle EDB$  10)  $\overrightarrow{DB} \cup \overrightarrow{DC} = \angle BDC$  11)  $\overrightarrow{BD} \cap \overrightarrow{EC} = \emptyset$

12)  $\overline{AB} \cup \overline{BD} \cup \overline{AD} = \triangle ADB$

See me if you have questions!

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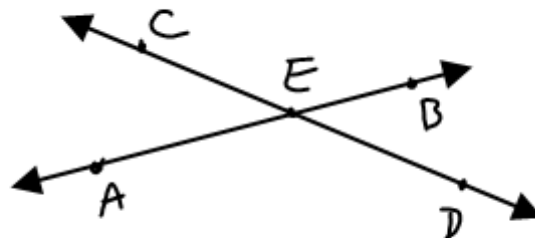
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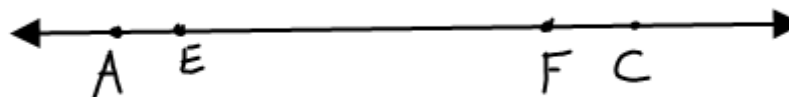
### Example

Draw a diagram in which:

a)  $\overleftrightarrow{AB}$  and  $\overleftrightarrow{CD}$  intersect at E.



b)  $\overrightarrow{EC} \cup \overrightarrow{FA} = \overleftrightarrow{AC}$



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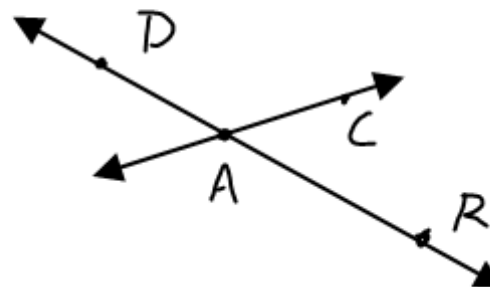
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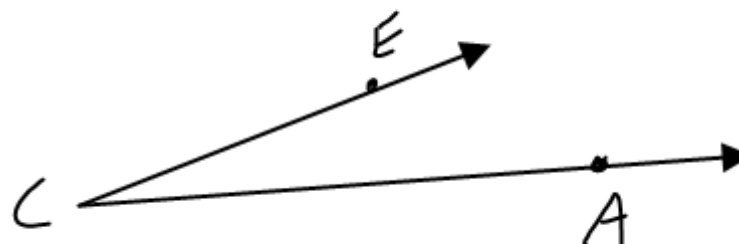
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$$c) \overleftrightarrow{AC} \cap \overleftrightarrow{DR} = A$$




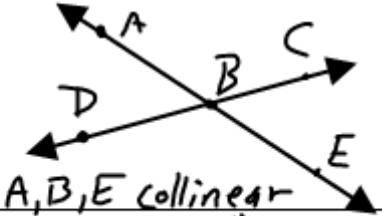

$$d) \overrightarrow{CE} \cup \overrightarrow{CA} = \angle ECA$$



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Using reading 1.1, fill out the def. & vis. description

Vocabulary Word	Definition	Visual Description
Plane	flat surface that extends without end in the direction of all its pts & lines.	Plane ABC or P 
Collinear (Non-collinear)	Pts on the same line. Pts <u>NOT</u> on the same line.	
Coplanar (Non-coplanar)	Pts and lines on the same plane. Pts and lines <u>NOT</u> on the same plane.	

How about A, B, C?

P, M, A coplanar  
How about P, M & Q?

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Point		
Line		
Segment		
Ray		

1.1 Vocab List With Examples [Compatibility Mode] - Microsoft Word

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Endpoint			
Angle			
Vertex (of $\angle$ )			
Side (of $\angle$ )			
Triangle			

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Union

Intersection