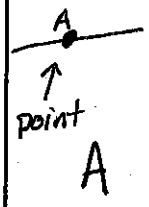
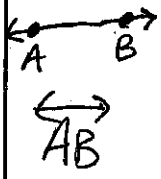
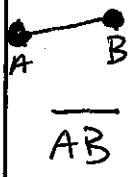
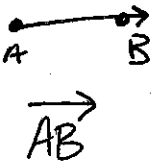
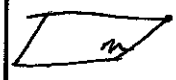
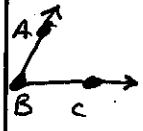
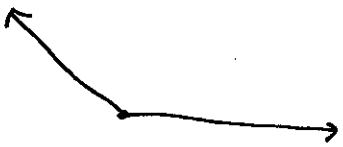
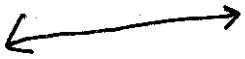
GSE Geometry Unit 1 – Vocabulary & Quadrilaterals 1.2 – Notes & Practice

Name: Key Date: _____

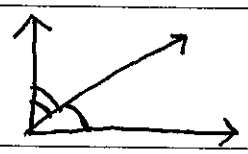
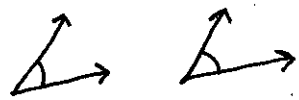
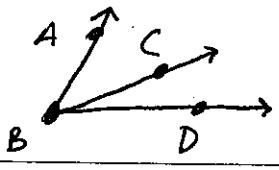
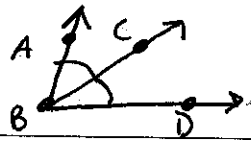
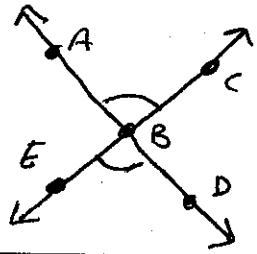
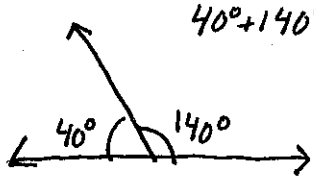
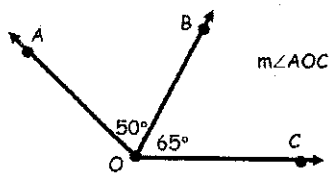
Quick Geometry Vocabulary Review

Term	Definition	Notation
point	An exact position or location in a given plane.	
LINE	The set of points between points A and B in a plane and the infinite number of points that continue beyond the points.	
SEGMENT	A line with two endpoints.	
RAY	A line that starts at A, goes through B, and continues on.	
Plane	A flat, two-dimensional surface that extends infinitely far.	
ANGLE	Formed by 2 rays coming together at a common point (Vertex)	

Types of Angles

TYPE OF ANGLE	MEASUREMENT	SKETCH
ACUTE	less than 90°	
RIGHT	equal to 90°	
OBTUSE	greater than 90°	
STRAIGHT	equal to = 180°	

Angle Vocabulary

Term	Definition	Sketch
Complementary	Two angles whose sum is 90°	
Supplementary	Two angles whose sum is 180°	
Congruent Angles	Two or more angles with the same measure.	
Adjacent Angles	Two angles with a common vertex and side, but no overlap.	 ∠ABC and ∠CBD are adjacent
Angle Bisector	A ray (or line or segment) that divides an angle into two congruent angles	 ∠ABC and ∠CBD are congruent
Vertical Angles	Two angles are vertical angles if their sides form two pairs of opposite rays. **VERTICAL ANGLES ARE** congruent	 ∠ABC and ∠DBE are congruent
Linear Pair	Two adjacent angles are linear pairs if their non-common sides are opposite rays. **LINEAR PAIRS ARE** supplementary	 40°+140°=180°
Angle Addition Postulate	If B lies on the interior of ∠AOC, then m∠AOB + m∠BOC = m∠AOC.	 m∠AOC = 115°

Matching Lines Name:

Match the description on the top with the visual image on the bottom.

1) $\overleftrightarrow{BD}$ intersecting $\angle ACE$

2) $\overleftrightarrow{BD}$ intersecting $\overline{CE}$

3) $\overline{BE}$ intersecting $\overleftrightarrow{CD}$

4) Acute $\angle ABC$ intersecting $\overleftrightarrow{AD}$

5) Acute $\angle BED$

6) $\overleftrightarrow{AD}$ intersecting $\overleftrightarrow{BC}$ at point E

7) $\overrightarrow{BA}$ intersecting $\overleftrightarrow{AD}$

8) $\overleftrightarrow{AB}$ intersecting $\overleftrightarrow{AD}$

9) $\overleftrightarrow{AC}$ intersected by $\overline{BD}$

10) Acute $\angle BDE$

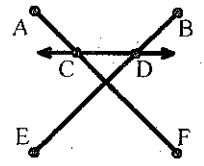
11) $\overrightarrow{AC}$ parallel to $\overrightarrow{EB}$

12) $\overleftrightarrow{AC}$ perpendicular to $\overleftrightarrow{AD}$

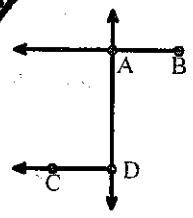
Answers

1. L
2. C
3. A
4. K
5. F
6. D
7. B
8. E
9. I
10. H
11. J
12. G

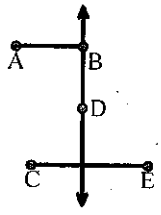
A.



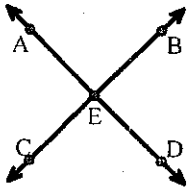
B.



C.



D.



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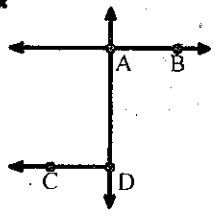

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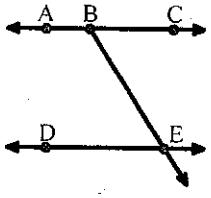
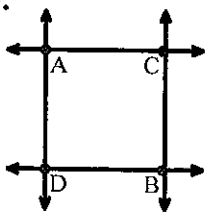
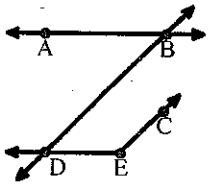


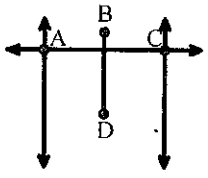
G.



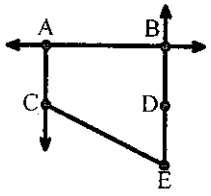
H.



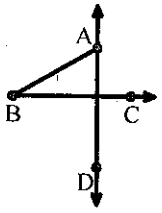
I.



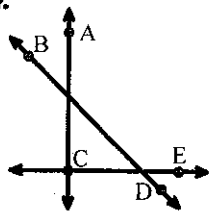
J.



K.



L.



1-10	92	83	75	67	58	50	42	33	25	17
11-12										