




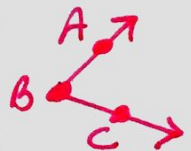








Quick Geometry Vocabulary Review

Term	Definition	Notation
point	An exact position or location in a given plane.	 P
LINE	The set of points between points A and B in a plane and the infinite number of points that continue beyond the points.	 \overleftrightarrow{AB}
SEGMENT	A line with two endpoints.	 \overline{AB}
RAY	A line that starts at A, goes through B, and continues on.	 \overrightarrow{AB}
Plane	A flat, two-dimensional surface that extends infinitely far.	 Plane M
ANGLE	Formed by 2 rays coming together at a common point (Vertex)	 $\angle B$ $\angle ABC$ $\angle CBA$
Parallel Lines	Lines in a plane that do not meet (they do not intersect).	 $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$
Perpendicular Lines	Two lines that meet (or intersect) at 90 degree angles (right angles).	 $\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$

Types of Angles

TYPE OF ANGLE	MEASUREMENT	SKETCH
ACUTE	<i>less than 90°</i>	
RIGHT	<i>equals 90°</i>	
OBTUSE	<i>greater than 90°</i>	
STRAIGHT	<i>equals 180°</i>	

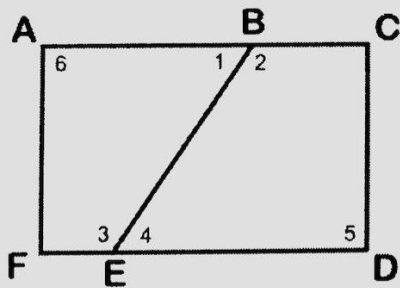
Classwork – Fill in the blanks with the appropriate definition and notation.

	<u>definition</u>	<u>notation</u>
1. Parallel Lines	<u>D</u>	<u>1</u>
2. Line Segment	<u>A</u>	<u>4</u>
3. Circle	<u>E</u>	<u>3</u>
4. Point	<u>G</u>	<u>7</u>
5. Perpendicular Lines	<u>F</u>	<u>2</u>
6. Ray	<u>C</u>	<u>5</u>
7. Angle	<u>B</u>	<u>6</u>

A. part of a line bounded by two distinct endpoints
B. formed where two lines or rays share an endpoint
C. a portion of a line that starts at a point and continues to infinity
D. two lines that have unique points and never cross
E. the set of points on a plane at a certain distance, or radius from a single point, the center
F. creates four right angles
G. an exact position or location in a given plane

1. $AB \parallel CD$	2. $AB \perp CD$
3. $\odot B$	4. \overline{AB}
5. \overline{AB}	6. $\angle ABC$
7. A	

Name the following angles with the correct notation.



8. $\angle 1$ $\angle EBA$ or $\angle CAB$ 9. $\angle 2$ $\angle EBC$ or $\angle CBE$ 10. $\angle 3$ $\angle BEF$ or $\angle FEB$
11. $\angle 4$ $\angle BED$ or $\angle DEB$ 12. $\angle 5$ $\angle CD$ or $\angle CDE$ or $\angle EDC$ 13. $\angle 6$ $\angle A$ or $\angle BAF$ or $\angle FAB$

Use the diagram on the right to answer to following questions.

14. $m\angle BAD =$ 37° 15. $m\angle BAH =$ 77°
 16. $m\angle ADH =$ 112° 17. $m\angle BCE =$ 90°
 18. $m\angle FEH =$ 98° 19. $m\angle EDH =$ 68°
 20. Name the 100 degree angle: $\angle G$ or $\angle FGH$ or $\angle HGF$
 21. Name the 98 degree angle: $\angle CED$ or $\angle DEC$
 22. What is another name for $\angle EFG$? $\angle F$ or $\angle GFE$
 23. $\overline{EH} =$ 19 cm 24. $\overline{FG} =$ 10 cm
 25. Name the 22 cm segment: \overline{AH} or \overline{HA}
 26. Name the 8 cm segment: \overline{EF} or \overline{FE}

