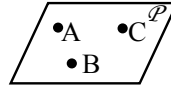


Geometry Unit 1 Review 1

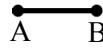
1. There are seven ways to name the plane. What are they?



2. There is one way to name the ray. What is it?



3. There are two ways to name the segment. What are they?



4. How many points do you need to create a...

- a. plane? b. line? c. segment? d. point? e. ray?

5. Does the figure go on forever? If yes, in how many directions?

- a. plane b. line c. segment d. point e. ray

6. Define.

- a. congruent b. bisect c. collinear d. coplanar

7. Draw.

- a. Acute Angle b. Obtuse Angle c. Right Angle

8. What angle measures less than 90° ?

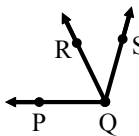
9. What angle measures more than 90° ?

10. What angle measures exactly 90° ?

11. B is between points A and C. $AB = 3x + 4$, $BC = 2x + 10$, and $AC = 7x - 2$. $AC = ?$

12. M is the midpoint of segment LN. $MN = 5x - 11$ and $LM = 2x + 1$. $LN = ?$

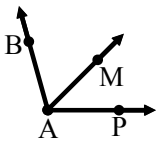
13. R is in the interior of $\angle PQS$.



$m\angle PQR = (2x + 15)^\circ$, $m\angle RQS = (x + 12)^\circ$, and $m\angle PQS = (6x - 3)^\circ$.
 $m\angle PQS = ?$

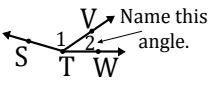
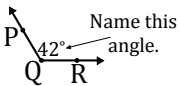
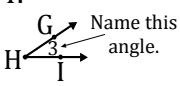
14. Ray AM bisects $\angle BAP$.

$m\angle BAM = (3x)^\circ$ and $m\angle MAP = (2x + 20)^\circ$. $m\angle BAP = ?$



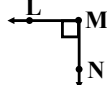

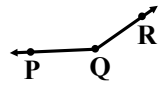


For each angle indicated, give all possible names and the degree measure (or size), if known.

Angle	Formal names	Informal Name (only if alone)	Nickname	Degree Measure (size)
<p>Name this angle.</p>	$\angle ABC$, $\angle CBA$	$\angle B$	$\angle 7$	Unknown

Angle	Formal names	Informal Name (only if alone)	Nickname	Degree Measure (size)
2. 				
3. 				
4. 				

Identify each of the angles below as ACUTE, RIGHT, or OBTUSE.

1.  $\angle A$ is _____	2.  $\angle 6$ is _____	3.  $\angle LMN$ is _____
4. $m\angle DEF = 72^\circ$ $\angle DEF$ is _____	5. $m\angle 3 = 124^\circ$ $\angle 3$ is _____	6. $m\angle R = 15^\circ$ $\angle R$ is _____
7. $m\angle 16 = 90^\circ$ $\angle 16$ is _____	8.  $\angle M$ is _____	9.  $\angle PQR$ is _____