### Lesson 2 Practice Problems

1. The measure of angle $AOB$ is 56 degrees. What is the measure of angle $ACB$?
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1. Explain the difference between central and inscribed angles.
2. What is the measure of the arc from $A$ to $B$ that does not pass through $C$?
* 
	1. 160 degrees
	2. 140 degrees
	3. 100 degrees
	4. 90 degrees
1. Find the values of $x,y,$ and $z$.
* 
* (From Unit 7, Lesson 1.)
1. Match the vocabulary term with the label.
* 
	1. chord that is not a diameter
	2. diameter
	3. radius
	4. central angle
	5. m
	6. w
	7. x
	8. y
* (From Unit 7, Lesson 1.)
1. Triangle $ABC$ has vertices at $(-4,0),(-2,12),$ and $(12,0)$. What is the point of intersection of its medians?
	1. $(4,0)$
	2. $(5,6)$
	3. $(2,4)$
	4. $(4,2)$
* (From Unit 6, Lesson 16.)
1. The rule $(x,y)\rightarrow (y,-x)$ takes a line to a perpendicular line. Select another rule that takes a line to a perpendicular line.
	1. $(x,y)\rightarrow (-y,-x)$
	2. $(x,y)\rightarrow (2y,2x)$
	3. $(x,y)\rightarrow (-4y,4x)$
	4. $(x,y)\rightarrow (0.25y,-4)$
* (From Unit 6, Lesson 11.)



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