### 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 $C$?
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	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.
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	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 $\left(-4,0\right),\left(-2,12\right),$ and $\left(12,0\right)$. What is the point of intersection of its medians?
	1. $\left(4,0\right)$
	2. $\left(5,6\right)$
	3. $\left(2,4\right)$
	4. $\left(4,2\right)$
* (From Unit 6, Lesson 16.)
1. The rule $\left(x,y\right)\rightarrow \left(y,-x\right)$ takes a line to a perpendicular line. Select another rule that takes a line to a perpendicular line.
	1. $\left(x,y\right)\rightarrow \left(-y,-x\right)$
	2. $\left(x,y\right)\rightarrow \left(2y,2x\right)$
	3. $\left(x,y\right)\rightarrow \left(-4y,4x\right)$
	4. $\left(x,y\right)\rightarrow \left(0.25y,-4\right)$
* (From Unit 6, Lesson 11.)



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