

Write here -->	Student's Full Name	Student's Grade	Today's Date	SOL Subject	SOL Grade	SOL Year on Web
	Kushal Kommineni	9	2/25/2023	Geometry	9th	2010
Question #	Answers		Question #	Answers		
1	D		26	J		—
2	F		27	B		—
3	D		28	F		
4	H		29	C		
5	C		30	J		
6	G		31	B		
7	B		32	F		
8	F		33	A		
9	B		34	J		
10	J		35	B		
11	D		36	F		
12	G		37	A		—
13	A		38	H		—
14	J	—	39	A		—
15	C		40	H		—
16	F	—	41	D		
17	D		42	H		—
18	F		43	D		—
19	C		44	H		—
20	H	—	45	A		—
21	B		46			
22	J	—	47			
23	D	—	48			
24	G	—	49			
25	A		50			

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Write here -->	Kushal Kommineni	9	2/26/2023	Geometry	3 <sup>rd</sup>	2010
Incorrect Question #	Why is my answer incorrect			Why is this the correct answer		
14	Not all quadrilaterals are rhombi and rectangles			G) is correct because some rhombi, which are squares can be turned into rectangles		
16	A contrapositive is not negating both sides of the statement			H) is correct bc the contrapositive of $p \rightarrow q$ is $\neg q \rightarrow \neg p$		
20	The question asked for longest to shortest, not shortest to longest			J) is correct because it has longest to shortest based on the angles facing the sides.		
22	It was a random guess. Also I typed in the numbers in the calculator in the wrong order			IDK		
23	IDK			A) is correct because since $8+6=14$ , which is the length of one side, it can't be length of the remaining side		
24	The inscribed angle is not the same as the arc length			F) bc I should've divided by 2 to get the inscribed angle		
26	A trapezoid does have equal measure for all sides			H) bc rhombi don't always have equal measure for all angles.		

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Incorrect Question #	Why is my answer incorrect			Why is this the correct answer		
27	The outside arc measure isn't the same as the one on the inside			D) is correct bc I had to multiple by 2 to get arc measure		
37	I divided the entire volume by 2			A) bc one of the dimensions was divided by 2, making it $6 \cdot 3 \cdot 6 = 108$		
38	If a cone is looked at from the top, it kind of does look like a circle.			J) bc looking at a cone from any side, even the left, makes it look like a triangle, not a rhombus		
39	I didn't use the volume of a sphere			Area of a cone = $\pi r(r + \sqrt{r^2 + h^2})$ <del><math>= \pi r(r + \sqrt{10^2 + r^2})</math></del> $= \pi r(r + \sqrt{100 + r^2})$		
40				G) bc for both pts, the x- and y- values had the same abs value.		
42				G) bc the triangle prob rotated to (5,1)		
43				A) bc it's still on the same x-value		

$$\frac{4}{3}\pi r^2$$

$$\frac{4}{3}\pi 36$$

$$3$$

$$\pi(10)$$

$$(6)$$

$$6$$



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Incorrect Question #	Why is my answer incorrect			Why is this the correct answer		
44				G) bc it bisects the shape		
45				A) bc there are prob at least 2 pairs of congruent sides		