

Name _____ Date _____

Quiz: Reflection in a Line

Indicate whether each statement is true or false.

1	The image of the point $(6, -5)$ under a reflection across the x -axis is $(-6, -5)$.	True <input type="checkbox"/> False <input type="checkbox"/>	2	The image of the point $(8, 7)$ under a reflection across the y -axis is $(-8, 7)$.	True <input type="checkbox"/> False <input type="checkbox"/>
3	The image of the point $(-2, 4)$ under a reflection across the line $y = x$ is $(4, -2)$.	True <input type="checkbox"/> False <input type="checkbox"/>	4	The image of the point $(4, 7)$ under a reflection across the line $y = -x$ is $(4, -7)$.	True <input type="checkbox"/> False <input type="checkbox"/>
5	The image of the point $(1, -7)$ under a reflection across the x -axis is $(1, 7)$.	True <input type="checkbox"/> False <input type="checkbox"/>	6	The image of the point $(-4, 9)$ under a reflection across the y -axis is $(4, -9)$.	True <input type="checkbox"/> False <input type="checkbox"/>
7	The image of the point $(8, 3)$ under a reflection across the line $y = x$ is $(3, 8)$.	True <input type="checkbox"/> False <input type="checkbox"/>	8	The image of the point $(-9, -4)$ under a reflection across the line $y = -x$ is $(4, 9)$.	True <input type="checkbox"/> False <input type="checkbox"/>
9		<p>Triangle is reflected in line L. If $a = 9$; $a' = 3x - 3$ $B = 22$; $b' = 3y + 1$ $C = 5z + 8$; $c' = 33$ Find x, y and z.</p>		$x =$ $y =$ $z =$	
10		<p>This graph illustrates a reflection over the y-axis.</p>		True <input type="checkbox"/> False <input type="checkbox"/>	

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%