## **Geometry Review Quiz 1-6 A**

Put all answers to the multiple choice questions below. Use Capital Letters, please.

1.	Which statement is the inverse of "dogs have four legs"?  A. If you are not a dog, you don't have four legs.  B. If you have four legs, you are a dog.  C. If you don't have four legs, you are not a dog.  D. None of the above.				
2.	A is at (10, 3) and B is at (12, 0). If B is the midpoint of $\overline{AC}$ , what are the coordinates of C?				
	A. (22, 3)	B. (14, -3)	C. (22, -3)	D. None of the above	
3.	If two sides of a triangle are 6 cm and 8 cm, what must be true about the third side?				
	A. $2 \le m < 14$	B. $2 < m < 14$	C. $2 > m > 14$	D. $2 \le m \le 14$	
4.	If $\angle A$ and $\angle B$ are a linear pair with $\angle A = 3n + 5$ and $\angle B = 2n + 15$ , what is the measurement of $\angle B$ ?				
	A. 65	B. 35	C. 10	D. 79	
5.	A. If $a > b$ and $a > c$ , then $b > c$ B. If $a > b$ and $b > c$ , then $a > c$				
	C. If $a < b$ and $a < c$	, then $c < b$	D. If $a > b$ and $a > c$	a, then $a > b + c$	
6.	6. In $\triangle ABC$ , $A = (2, 4)$ , $B = (3, 7)$ and $C = (3, 6)$ . What angle is largest?				
0.	A. $\angle A$	B. $\angle B$	C. $\angle C$	D. None of these	
	A. ZA	B. ∠ <i>B</i>	C. ZC	D. None of these	
7.	In $\triangle ABC$ , $AB = 13$	BC, AB = 13 cm, BC = 12 cm, and AC = 16 cm. What angle is smallest?			
	A. ∠ <i>A</i>	B. ∠ <i>B</i>	C. ∠ <i>C</i>	D. None of the above	
8.	If $\triangle RST \cong \triangle HIJ$ , $\angle R = 97^{\circ}$ , $\angle J = 37^{\circ}$ , and $\angle S = 4x + 14$ , what is the value of x?				
	A. 10	B. 32	C. 46	D. 8	
9.	9. If ABCD is an isosceles trapezoid with AB = CD, $\angle B$ is congruent to				
	A. ∠ <i>A</i>	B. ∠ <i>C</i>	C. ∠D	D. ∠ <i>X</i>	
10.	If ABCD is a parallelogram with $\angle A = 7x$ and $\angle B = 3x - 20$ , what is the measurement of $\angle C$ ?				
	A. 20°	B. 40°	C. 80°	D. 140°	