

# Geometry Review Quiz 30

Name \_\_\_\_\_

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. None of the above
- \_\_\_\_\_ 2. What is the distance from (1, 5) to (7, 6)?  
A.  $\sqrt{37}$                       B. None of the above
- \_\_\_\_\_ 3. What property is demonstrated by: If  $x - 4 = a$ , then  $x = a + 4$   
A. Transitive                      B. None of the above
- \_\_\_\_\_ 4. A is at (10, 3) and B is at (6, 0). If B is the midpoint of  $\overline{AC}$ , what are the coordinates of C?  
A. (2, -3)                      B. None of the above
- \_\_\_\_\_ 5. If X is the midpoint of  $\overline{CN}$  and  $CN = 8n - 2$ , what is CX?  
A.  $16n - 4$                       B. None of the above
- \_\_\_\_\_ 6. What is the equation in slope intercept form that goes through (3, 4) and (2, 6).  
A.  $y = 2x + 4$                       B. None of the above
- \_\_\_\_\_ 7. If  $\angle A$  and  $\angle B$  are vertical angles with  $\angle A = 3n + 5$  and  $\angle B = 2n + 15$ , what is the measurement of  $\angle B$ ?  
A. 10                      B. None of the above
- \_\_\_\_\_ 8. If  $\angle A$  and  $\angle B$  are complementary angles with  $\angle A = 80$ , what is  $\angle B$ ?  
A. 10                      B. None of the above
- \_\_\_\_\_ 9. If C is between X and Y with  $XY = 4n - 10$  and  $CY = 2n + 9$ , what is CX?  
A.  $6n - 1$                       B. None of the above
- \_\_\_\_\_ 10. What equation would be perpendicular to  $y = 3x + 5$   
A.  $y = -\frac{1}{3}x + 4$                       B. None of the above