

# Geometry Review Quiz 25

Name \_\_\_\_\_

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

- \_\_\_\_\_1. If ABCD is an isosceles trapezoid with  $AB = CD$ ,  $\angle B$  is congruent to  
A.  $\angle A$                       B.  $\angle C$                       C.  $\angle D$                       D.  $\angle X$
- \_\_\_\_\_2. If C is between X and Y with  $XY = 4n - 10$  and  $CY = 2n - 9$ , what is CX?  
A.  $6n - 1$                       B.  $2n - 1$                       C.  $2n - 19$                       D. None of the above
- \_\_\_\_\_3. What property is demonstrated by: If  $x = 4$  and  $x + y = 6$ , then  $4 + y = 6$   
A. Transitive                      B. Subtraction                      C. Substitution                      D. None of the above
- \_\_\_\_\_4. A is at (4, 3) and B is at (6, 0). If B is the midpoint of  $\overline{AC}$ , what are the coordinates of C?  
A. (5, 3)                      B. (2, -3)                      C. (8, 6)                      D. None of the above
- \_\_\_\_\_5. The inverse of "Bald people are beautiful" is "If you are not bald, then you are not beautiful."  
A. True                      B. False                      C. None of the above.
- \_\_\_\_\_6. What is the fourth point in a parallelogram if there are points at (0, 0), (6, 0) and (3, 4)?  
A. (9, 4)                      B. (6, 4)                      C. (4, 6)                      D. (4, 9)
- \_\_\_\_\_7. If  $\angle A$  and  $\angle B$  are vertical angles with  $\angle A = 3n + 5$  and  $\angle B = n + 15$ ,  
what is the measurement of  $\angle B$ ?  
A. 65                      B. 5                      C. 20                      D. None of the above
- \_\_\_\_\_ 8. If in Figure 1,  $AO = 8$ ,  $CO = 14$ , and  $BO = 6$ , what is FO?
- \_\_\_\_\_ 9. If in Figure 2,  $GH = 10$ ,  $PH = 4$ , what is PK?
- \_\_\_\_\_ 10. If in Figure 3,  $JN = 140^\circ$  and  $\angle L = 36^\circ$ , what is  $KM$  ?

Figure 1

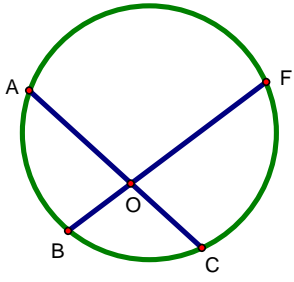


Figure 2

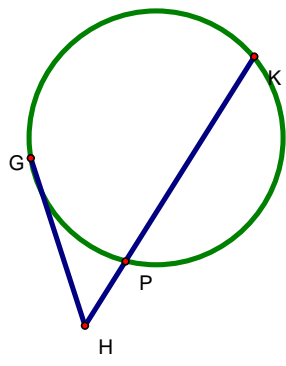


Figure 3

