Geometry Review Quiz 28

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.　　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

_____7.　　I have a total of 16 kids. If 11 of my kids play soccer and 9 play tennis,
　　　　　how many play both tennis and soccer?
　　　　　A. 2　　　　　B. 4　　　　　C. 8　　　　　D. 10

_____8.　　Which could be the side lengths of a right triangle?
　　　　　A. 12, 15, 25　　　　B. 11, 60, 61　　　　C. 1, 2, 3　　　　D. 27, 31, 37

_____9.　　If C is between X and Y with CX = 8n − 4 and CY = 2n + 10, what is XY?
　　　　　A. 6n − 6　　　　　B. 6n − 14　　　　　C. 10n + 6　　　　　D. 10n − 6

_____10.　　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. $2 \le m \le 14$