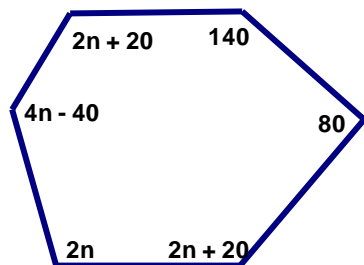# Geometry Review Quiz 21

Name _____

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

_____1.   What is the value of *n* in the figure above?
  A. 16   B. 20   C. 25   D. 50

_____2.   What is the distance from (3, 4) to (7, 6)?
  A. $\sqrt{37}$ B. $\sqrt{20}$ C. $\sqrt{24}$ D. None of the above

_____3.   What property is demonstrated by: If x − 4 = a, then x = a + 4
  A. Transitive   B. Subtraction   C. Reflexive   D. Addition

_____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. (5, 3)   C. (8, 6)   D. None of the above

_____5.   If X is the midpoint of $\overline{CN}$ and CN = 8n − 2, what is CX?
  A. 16n − 4   B. 4n − 1   C. 4n + 1   D. None of the above

_____6.   Two sides of a triangle are 4 cm and 10 cm. What is a possible measurement of the
           third side?
  A. 8 cm   B. 2 cm   C. 15 cm   D. 14 cm

_____7.   If ∠A and ∠B are vertical angles with ∠A = 3n + 5 and   ∠B = 2n + 15,
           what is the measurement of ∠B?
  A. 10   B. 25   C. 35   D. None of the above

_____8.   If you walk 35 miles due North and then 48 miles due West, rounded to the nearest mile
           how far are you from your starting point?
  A. 13 miles   B. 33 miles   C. 59 miles   D. 61 miles

_____9.   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

_____10.   What equation would be perpendicular to y = 3x + 5
  A. $y = -\dfrac{1}{3}x + 4$ B. y = 3x − 4   C. y = -3x + 5   D. None of the above