Geometry Review Quiz 1-2 F

Put all answers in the blank to the left of the question.

_____1. What is the midpoint of a line that has endpoints at (0, 3) and (6, -1)?
   A. (12, 2)   B. (3, 2)   C. (12, -5)   D. (3, 1)

_____2. If X is the midpoint of $\overline{CN}$ and CX = 2n – 10, what is CN?
   A. n – 5   B. 4n – 20   C.   D. 40

_____3. What are the measures of two complementary angles if the difference
   of their measures is $8°$?
   A. 39, 51   B. 41, 49   C. 86, 94   D. 76, 84

For 4 and 5, consider the statement "If you are young, you have a nice set of hair."

_____4. If you are not young, you don't have a nice set of hair is the _____ of above.
   A. Converse   B . Inverse   C. Contrapositive   D. Sublimation

_____5. If you have a nice set of hair, you are young is the _____ of above.
   A. Converse   B . Inverse   C. Contrapositive   D. Sublimation

_____6. What is the distance from (1, 5) to (7, 6)?
   A. $\sqrt{37}$ B. $\sqrt{23}$ C. $\sqrt{24}$ D. None of the above

_____7. If AB – NP = BC – NP, then AB = BC demonstrates what property?
   A. Subtraction   B. Addition   C. Substitution   D. Symmetric

_____8. If two angles are **vertical angles** and one angle has a measurement of 12n + 20 while the
   other has a measurement of 8n + 28, what is the measure of each angle?
   A. 36   B. 44   C. 52   D. 62

_____9. If two angles are **a linear pair** and one angle has a measurement of 8n while the other
   has a measurement of 2n, what is the value of n?
   A. 18   B. 22   C. 36   D. 44

_____10. If $\angle A$ and $\angle B$ are supplementary angles with $\angle B = n – 10$,
   what is the expression for $\angle A$?
   A. 190 – n   B. 170 – n   C. 100 + n   D. 80 – n