Geometry Review Quiz 1-2 E

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

_____1. 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. $80 - n$

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

_____3. If $\angle A$ and $\angle B$ are supplementary angles with $\angle A = 80°$, what is $\angle B$?
A. $10°$ B. $20°$ C. $100°$ D. $120°$

_____4. What are the measures of two complementary angles if the difference
of their measures is $8°$?
A. 39, 51   B. 76, 84   C. 86, 94   D. 41, 49

_____5. If AB + BC = XY + BC, then AB = XY demonstrates what property?
A. Subtraction   B. Addition   C. Substitution   D. Symmetric

_____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 two angles are **complementary angles** and one angle has a measurement of 2n + 6
while the other has a measurement of 4n – 12, what is the value of n?
A. 6   B. 8   C. 12   D. 16

_____8. If $\angle 1 + \angle 2 = 90$ and $\angle 2 = \angle 5 + \angle 6$, then $\angle 1 + \angle 5 + \angle 6 = 90$.
A. Substitution   B. Addition   C. Symmetric   D. Calcitration

_____9. If two angles are **a linear pair** and one angle has a measurement of 8n while the other
has a measurement of 2n + 100, what is the value of n?
A. 4   B. 8   C. 16   D. 24

_____10. If $\angle A$ and $\angle B$ are a linear pair with $\angle A = n + 40$
and $\angle B = 9n + 20$, what is the measurement of $\angle A$?
A. 12   B. 22   C. 42   D. 52