Geometry Review Quiz 1-2 A

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

_____ 1.   True/False: The converse of "If you live in Radford, you live in Virginia" is "If you don't live in Virginia, you don't live in Radford."

_____ 2.   What is the distance from (40, 52) to (45, 54).
Round your answer to the nearest tenth.

_____ 3.   What property is demonstrated by:
If a = b and x + a = 10, then x + b = 10

_____ 4.   A is at (8, -2) and B is at (5, 0). If B is the midpoint of $\overline{AC}$, what are the coordinates of C?

_____ 5.   If $\angle A$ and $\angle B$ are vertical angles with $\angle A = n + 60$ and $\angle B = 2n + 10$, what is the measurement of $\angle B$?

_____ 6.   If $\overrightarrow{BD}$ bisects $\angle EBC$, and $\angle EBD = 40°$, what is the measurement of $\angle EBC$?

_____ 7.   What property states that $\angle E = \angle E$?

_____ 8.   What property is demonstrated by:
If AB • XY = BC • XY, then AB = BC ?

_____ 9.   If C is between X and Y with XY = 20n + 10 and CY = 2n + 9, what is XC?

_____ 10. If $\angle A$ and $\angle B$ are complementary angles with $\angle A = 2n + 6$ and $\angle B = 3n + 4$, what is the measurement of $\angle B$?