Honors Geometry Review Quiz 6

Name _____

_____1. If B is the midpoint of $\overline{AC}$ and AC = 8n – 2, what is AB? [1-4C]
A. 4n – 1 B. 16n – 4 C. 4n – 2 D. 16n + 4

_____2. If you walk 12 miles due East and then 16 miles due South, how far are you from your starting point? [1-3]
A. 20 miles B. 24 miles C. 28 miles D. 36 miles

_____3. Consider the statement: "If an angle is 90 degrees, it is a right angle." Is the converse of this statement true or false? [2-1]
A. True B. False

_____4. There are 25 kids who play either soccer or baseball. 4 of the 25 kids play both soccer and baseball. If the soccer team has 16 members, how many kids are on the baseball team? [2-4]

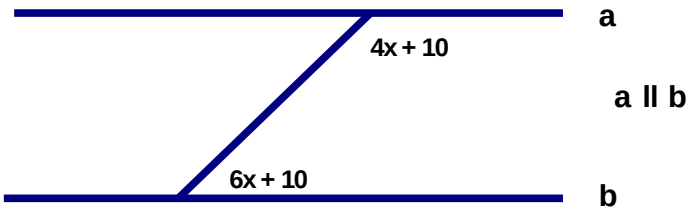
_____5. Which of the measurements below could be the measurements of a triangle? [5-1]
A. 3, 4, 9 B. 2, 8, 10 C. 3, 7, 9 D. 6, 8, 16

_____6. In ΔABC, A = (1, 5), B = (3, 11) and C = (6, 7). What angle is largest? [5-2]
A. $\angle A$ B. $\angle B$ C. $\angle C$ D. None of these

_____7. Let p and q be p: $\angle A$ is acute q: $\angle B$ is acute [2-2]
What would represent "$\angle A$ is acute or $\angle B$ is acute"?
A. $p \wedge q$ B. $p \vee q$ C. $p \leftrightarrow q$ D. $p \rightarrow q$

_____8. Opposite angles are not always congruent in a [6-3]
A. rhombus B. parallelogram C. trapezoid D. rectangle

_____9. What is the value of x in the figure below? [Ch. 3]
A. 15° B. 16° C. 19° D. 0°



_____10. If the perimeter of a triangle is 40 cm with sides of length 3n, 2n + 12, and 5n – 2, what is the value of n? [2-5]