Geometry Review Quiz 1-5 D

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

_____1. Which of the following cannot be used to prove congruency?
A. SSA B. SSS C. AAS D. SAS

_____2. What is the measurement of angle #4 on the back?
A. 20 B. 30 C. 40 D. 50

_____3. Which of the following could be the side lengths of a triangle?
A. 4, 3, 9 B. 3, 3, 6 C. 1, 2, 4 D. 4, 4, 4

_____4. A is at (10, 3) and B is at (12, 0). If B is the midpoint of $\overline{AC}$, what are the coordinates of C?
A. (22, 3) B. (14, -3) C. (22, -3) D. None of the above

_____5. What is the distance from (1, 2) to (-2, 6)?
A. $\sqrt{17}$ B. $\sqrt{7}$ C. $\sqrt{24}$ D. None of the above

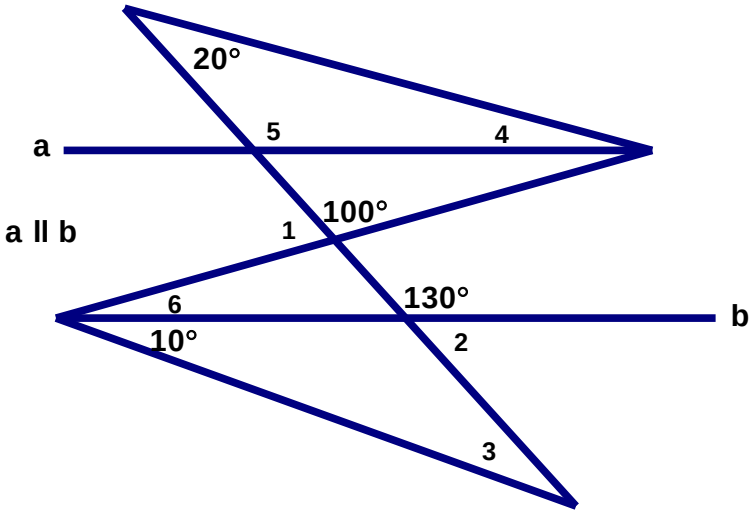
_____6. What is the equation in slope intercept form that goes through (1, 4) and (3, 10).
A. y = 3x + 1 B. y = 3x – 10 C. y = -3x + 10 D. y = -3x – 10

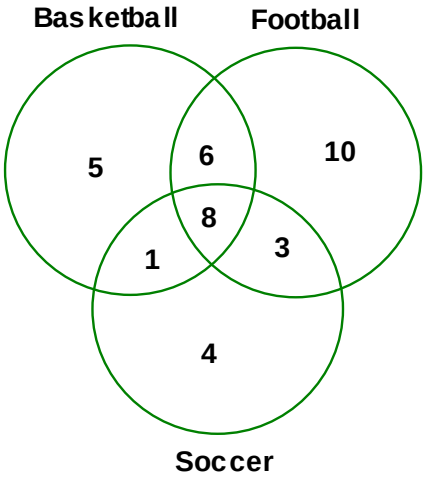
_____7. If $\angle A$ and $\angle B$ are a linear pair with $\angle A = 3n + 5$ and $\angle B = 2n + 15$, what is the measurement of $\angle B$?
A. 65 B. 35 C. 10 D. 79

_____8. Consider the Venn diagram on the back. How many kids play basketball and soccer at the same time?
A. 1 B. 8 C. 9 D. 24

_____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 = ½ x + 5
A. y = -2x + 5 B. y = 2x – 4 C. y = -½ x – 5 D. y = -½ - 5


20°
a
5
4
a ll b
100°
1
6
130°
b
10°
2
3


Basketball
Football
5
6
10
8
1
3
4
Soccer