Geometry Review Quiz 1-5 A

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. ASA B. SSS C. AAS D. AAA

_____2. What are the measures of two complementary angles if the difference of their measures is $18°$?
A. 36, 54 B. 41, 59 C. 81, 99 D. 86, 94

_____3. If two sides of a triangle are 6 cm and 8 cm, what must be true about the third side?
A. $2 \le m < 14$ B. $2 < m < 14$ C. $2 > m > 14$ D. $2 \le m \le 14$

_____4. A is at (-7, 2) and B is at (3, 8). what are the coordinates of the midpoint of $\overline{AB}$?
A. (5, 3) B. (-5, 3) C. (2, 5) D. (-2, 5)

_____5. Which of the following would represent a valid argument?
A. If a > b and a > c, then b > c B. If a > b and b > c, then a > c
C. If a < b and a < c, then c < b D. If a > b and a > c, then a > b + c

_____6. In ΔABC, A = (2, 4), B = (3, 7) and C = (6, 3). What angle is largest?
A. $\angle A$ B. $\angle B$ C. $\angle C$ D. None of these

_____7. In ΔABC, AB = 13 cm, BC = 12 cm, and AC = 16 cm. What angle is smallest?
A. $\angle A$ B. $\angle B$ C. $\angle C$ D. None of the above

_____8. In what quadrant is the point (-4, 4)
A. I B. II C. III D. IV

_____9. 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

_____10. What equation would be perpendicular to y = 2x + 5
A. y = -x – 5 B. y = -2x – 5 C. y = $-\frac{1}{2}$x – 5 D. y = $\frac{1}{2}x$ - 5