Geometry Review Quiz 1-6 F

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

_____1.   Which equation below has a y-intercept of -2?
   A. $y = -2x + 1$ B. $2x + y = 2$ C. $y - 2 = 2x$ D. $y + 2 = 5x$

_____2.   Which equation would be perpendicular to the $y = -\dfrac{1}{7}x + 3$?

   A. $y = -\dfrac{1}{7}x - 3$ B. $y = \dfrac{1}{7}x + 3$ C. $y = 7x - 5$ D. None of the above

_____3.   If three points all lie on a line, the points are said to be what?
   A. segment bisectors   B. coplanar
   C. derivatives   D. collinear

_____4.   If $\angle A$ and $\angle B$ are vertical angles with $\angle A = 2n + 60$
   and $\angle B = 4n + 20$, what is the measurement of $\angle B$?
   A. 10   B. 20   C. 80   D. 100

_____5.   Give the equation in slope intercept form that goes through (3, 4) and (5, 10).
   A. $y = 3x - 4$ B. $y = -3x + 13$ C. $y = 3x - 5$ D. $y = \dfrac{1}{3}x + 3$

_____6.   In $\triangle ABC, \angle A = 3n, \angle B = 5n - 30, \angle C = 2n + 10$. What is the measurement of $\angle A$?
   A. 20°   B. 40°   C. 60°   D. 80°

_____7.   If ABCD is a parallelogram with $\angle A = 7x$ and $\angle B = 3x - 20$, what is the measurement of $\angle C$?
   A. 40   B. 140   C. 150   D. None of the above

_____8.   If $\triangle ABC$ is an isosceles triangle with AB = BC, which statement must be true?
   A. $\angle C = \angle B$ B. $\angle A = \angle B$ C. $\angle A = \angle C$ D.   AC = BC

_____9.   If $\triangle ABC \cong \triangle XYZ$, which of the following must be true?
   A. $\angle A = \angle Z$ B. AC = XY   C. XZ = BC   D. None of the above

_____10.   If $\triangle ABC$ is an isosceles triangle with AC = BC and $\angle A = 40°$, what is $\angle B$?
   A. 40°   B. 70°   C. 80°   D. None of the above