Geometry Review Quiz 26

Name _____

_____1.   What is the midpoint of a line that has endpoints at (0, 3) and (6, -1)?
A. (12, 2)   B. (3, 1)   C. (12, -5)   D. (3, 2)

_____2.   What are the measures of two complementary angles if the difference
of their measures is $8°$?
A. 39, 51   B. 76, 84   C. 86, 94   D. 41, 49

_____3.   How many sides does a hexagon have?
A. 5   B. 6   C. 7   D. 10

_____4.   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

_____5.   If the measure of each exterior angle of a regular polygon is $18°$,
how many sides does the polygon have?
A. 18   B. 20   C. 22   D. 24

_____6.   If two sides of a triangle have the measurements of 9 and 9, what could the third leg be?
A. $1 < m < 18$ B. $0 < m \le 18$ C. $0 < m < 9$ D. None of the above

_____7.   Which of triangle measurements below is a right triangle?
A. 2, 4, 7   B. 6, 8, 10   C. 11, 12, 13   D. 12, 14, 16

_____8.   If the $\cos \theta = \dfrac{1}{2}$, what is θ?
A. 20°   B. 30°   C. 45°   D. 60°

_____9.   What is $3\sqrt{3} \bullet 2\sqrt{2}$? NO CALCULATOR!
A. $5\sqrt{5}$ B. $6\sqrt{5}$ C. $6\sqrt{6}$ D. 12

_____10.   Simplify $\sqrt{40}$
A. $2\sqrt{10}$ B. $3\sqrt{5}$ C. $4\sqrt{5}$ D. $5\sqrt{2}$