

Geometry Review Quiz 1-7 E

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

- _____1. 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

- _____2. If $\triangle RST \cong \triangle HIJ$, $\angle R = 97^\circ$, $\angle J = 37^\circ$, and $\angle S = 4x + 14$, what is the value of x ?
 A. 8 B. 32 C. 46 D. None of the above

- _____3. If in $\triangle CWH$ $\angle W = \angle H$ what can you conclude?
 A. $CW = WH$ B. $CH = CW$ C. $CH = WH$ D. $\angle C = 100^\circ$

- _____4. 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

- _____5. What is the fourth point in a parallelogram if there are points at $(0, 0)$, $(6, 0)$ and $(3, 4)$?
 A. $(9, 4)$ B. $(6, 4)$ C. $(4, 6)$ D. $(4, 9)$

- _____6. \overline{NO} is the base of isosceles trapezoid NRPO. If $\angle N = 4x + 10$ and $\angle O = 6x + 4$, what is the value of x ?
 A. 2 B. 3 C. 16.6 D. 18.2

- _____7. Which of the measurements below could be the measurements of a triangle?
 A. 3, 4, 9 B. 2, 8, 10 C. 3, 7, 9 D. 6, 8, 16

- _____8. If two sides of a triangle are 6 cm and 8 cm, what must be true about the third side?
 A. $2 \leq m < 14$ B. $2 < m < 14$ C. $2 > m > 14$ D. $2 \leq m \leq 14$

- _____9. What is the value of x in Figure 17 below?
 A. 6 B. 8 C. 9 D. 12

- _____10. What is the value of x in Figure 18 below?
 A. 8.4 B. 8.8 C. 9.6 D. 9.8

Figure 17

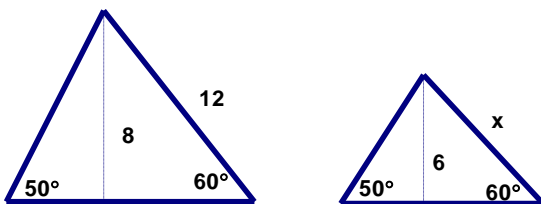


Figure 18

