

Geometry Review Quiz 1-8 A

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

- ____ 1. What is the value of x in figure 1 on the back?
- ____ 2. What is the value of x in figure 2 on the back?
- ____ 3. What is the value of the hypotenuse in figure 3 on the back?
- ____ 4. What is the value of x in figure 4 on the back?
- ____ 5. What is the value of x in figure 5 on the back?
- ____ 6. In $\triangle ABC$ $\angle A = 8x + 12$, $\angle B = 15x - 40$, and $\angle C = 10x + 10$.
Determine the longest side of $\triangle ABC$.
A. \overline{AB} B. \overline{AC} C. \overline{CB} D. $\angle A$
- ____ 7. 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. $(4, 9)$
- ____ 8. \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
- ____ 9. If ABCD is an isosceles trapezoid with $AB = CD$, $\angle B$ is congruent to
A. $\angle A$ B. $\angle C$ C. $\angle D$ D. $\angle X$
- ____ 10. If ABCD is a parallelogram with $\angle A = 7x$ and $\angle B = 3x - 20$,
what is the measurement of $\angle C$?
A. 20° B. 40° C. 80° D. 140°

Figure 1

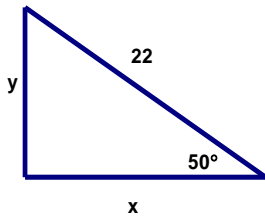


Figure 2

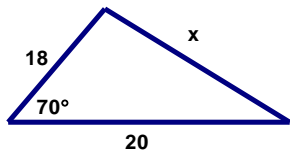


Figure 3

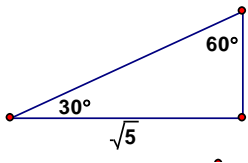


Figure 4

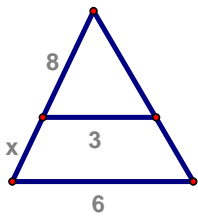


Figure 5

