

# Geometry Review Quiz 1-8 D

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

- \_\_\_\_\_ 1. What is the closest value of  $x$  in figure 1 on the back?  
A. 8.0                      B. 24.4                      C. 11.5                      D. 9.8
- \_\_\_\_\_ 2. What is the closest value of  $x$  in figure 2 on the back?  
A. 9.5                      B. 23.5                      C. 41.2                      D. 46.3
- \_\_\_\_\_ 3. What is the value of  $x$  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. How many planes does a dice have?  
A. 4                      B. 6                      C. 12                      D. 18
- \_\_\_\_\_ 10. If ABCD is a parallelogram with  $\angle A = 7x$  and  $\angle B = 3x - 20$ ,  
what is the measurement of  $\angle C$ ?  
A.  $20^\circ$                       B.  $40^\circ$                       C.  $80^\circ$                       D.  $140^\circ$

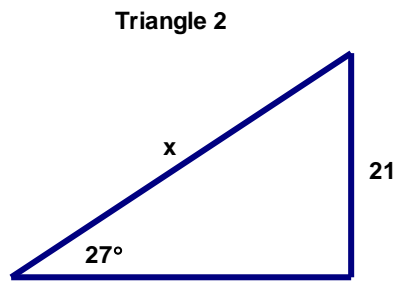
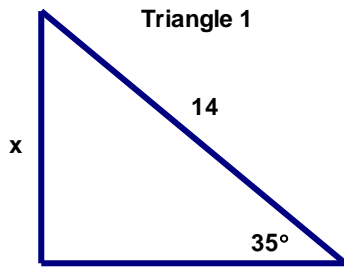


Figure 3

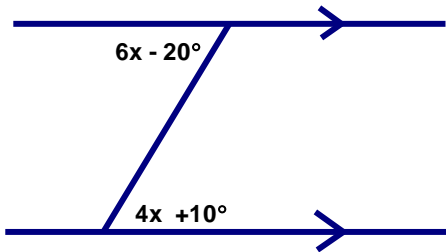


Figure 4

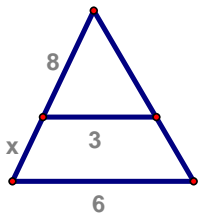


Figure 5

