

# Geometry Review Quiz 1 D

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

- \_\_\_\_\_1. What is the midpoint of a line that has endpoints at (0, 8) and (6, 2)?  
A. (12, 2)                      B. (6, 1)                      C. (3, 5)                      D. (3, 10)
- \_\_\_\_\_2. If X is the midpoint of  $\overline{CN}$  and  $CX = 2n - 10$ , what is CN?  
A.  $n - 5$                       B.  $4n - 20$                       C.  $4n$                       D. 40
- \_\_\_\_\_3. If C is between X and Y with  $CX = 8n - 4$  and  $CY = 2n + 10$ , what is XY?  
A.  $6n - 6$                       B.  $6n - 14$                       C.  $10n + 6$                       D.  $10n - 6$
- \_\_\_\_\_4. What are the measures of two complementary angles if the difference of their measures is  $8^\circ$ ?  
A. 39, 51                      B. 76, 84                      C. 86, 94                      D. 41, 49
- \_\_\_\_\_5. If  $\angle A$  and  $\angle B$  are supplementary angles with  $\angle A = 80^\circ$ , what is  $\angle B$ ?  
A.  $10^\circ$                       B.  $20^\circ$                       C.  $100^\circ$                       D.  $120^\circ$
- \_\_\_\_\_6. If  $\angle A$  and  $\angle B$  are vertical angles with  $\angle A = 80^\circ$ , what is  $\angle B$ ?  
A.  $10^\circ$                       B.  $80^\circ$                       C.  $100^\circ$                       D.  $120^\circ$
- \_\_\_\_\_7.  $\overline{BX}$  bisects  $\angle ABC$ . If  $\angle ABX = 30^\circ$ , what is  $\angle ABC$ ?  
A.  $15^\circ$                       B.  $30^\circ$                       C.  $60^\circ$                       D.  $120^\circ$
- \_\_\_\_\_8. What is the area of a circle with a radius of 6 cm? (Ignore units)  
A.  $6\pi$                       B.  $12\pi$                       C.  $18\pi$                       D.  $36\pi$
- \_\_\_\_\_9. If you walk 12 miles due East and then 16 miles due South, how far are you from your starting point?  
A. 20 miles                      B. 24 miles                      C. 28 miles                      D. 36 miles
- \_\_\_\_\_10. If  $\angle A$  and  $\angle B$  are vertical angles with  $\angle A = 2n + 60$  and  $\angle B = 4n + 20$ , what is the measurement of  $\angle B$ ? (Remember that I don't want n's value but the value of  $\angle B$ )  
A.  $10^\circ$                       B.  $20^\circ$                       C.  $80^\circ$                       D.  $100^\circ$