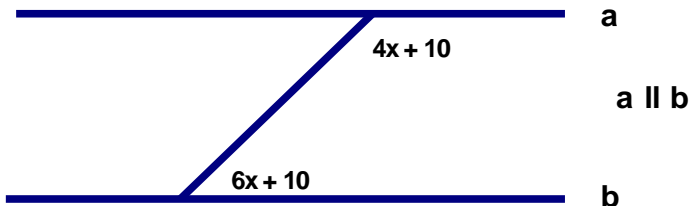


# Geometry Review Quiz 15

Name \_\_\_\_\_

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, 3) and (6, -1)?  
A. (12, 2)      B. (3, 1)      C. (12, -5)      D. (3, 2)
- \_\_\_\_ 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 you like dogs, you like cats" is represented by  $p \rightarrow q$ . What would be the symbolic representation of "if you don't like cats, you like dogs"?  
A.  $\sim p \rightarrow q$       B.  $p \rightarrow \sim q$       C.  $\sim q \rightarrow p$       D.  $\sim q \rightarrow \sim p$
- \_\_\_\_ 4. What is the value of x in the figure below?  
A.  $15^\circ$       B.  $16^\circ$       C.  $19^\circ$       D.  $0^\circ$



- \_\_\_\_ 5. In  $\triangle CWH$  which angle is opposite  $\overline{CH}$ ?  
A.  $\angle C$       B.  $\angle P$       C.  $\angle H$       D.  $\angle W$
- \_\_\_\_ 6. 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
- \_\_\_\_ 7. 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.  $2 \leq m \leq 14$
- \_\_\_\_ 8. In  $\triangle ABC$ ,  $\angle A = 59^\circ$ ,  $\angle B = 60^\circ$ , and  $\angle C = 61^\circ$ . What side is longest?  
A.  $\overline{AB}$       B.  $\overline{AC}$       C.  $\overline{CB}$       D.  $\angle C$
- \_\_\_\_ 9. What equation would be perpendicular to  $y = 2x + 5$ ?  
A.  $y = -x - 5$       B.  $y = -2x - 5$       C.  $y = -\frac{1}{2}x - 5$       D.  $y = \frac{1}{2}x - 5$
- \_\_\_\_ 10. If  $\triangle ABC \cong \triangle XYZ$ ,  $\angle A = 40^\circ$ ,  $\angle C = 80^\circ$ , what is the measurement of  $\angle X$ ?  
A.  $40^\circ$       B.  $70^\circ$       C.  $80^\circ$       D.  $60^\circ$