

Geometry Review Quiz 10

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 (-2, -3) and (8, -1)?
A. (6, -4) B. (6, -2) C. (3, -2) D. (-6, -4)
- _____2. If you walk 35 miles due North and then 48 miles due West, rounded to the nearest mile how far are you from your starting point?
A. 13 miles B. 33 miles C. 59 miles D. 61 miles
- _____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. If $p \rightarrow q$, and $q \rightarrow r$, then
A. $r \rightarrow p$ B. $p \rightarrow r$ C. $\sim r \rightarrow p$ D. $r \rightarrow \sim p$
- _____5. I have a total of 16 kids. If 8 of my kids play soccer and 10 play tennis, how many play both tennis and soccer?
A. 2 B. 4 C. 8 D. 10
- _____6. In Figure 1 on the back, which is a valid conclusion?
A. No cat owners also own dogs.
B. No fish owners also own cats.
C. No dog owners also own fish.
D. No pet owner owns more than one pet.
- _____7. In Figure 2 on the back, which statement is true?
A. No bushes are flowering plants.
B. No roses are bushes.
C. Some flowering plants are bushes.
D. Some roses are not flowering plants.
- _____8. What is the value of x in figure 3 on the back?
A. 15° B. 16° C. 19° D. 21°
- _____9. What is the value of x in figure 4 on the back?
A. 10° B. 15° C. 50° D. 60°
- _____10. If two angles are **vertical angles** and one angle has a measurement of $12n + 20$ while the other has a measurement of $8n + 28$, what is the measure of each angle?
A. 36 B. 44 C. 52 D. 62

Figure 1

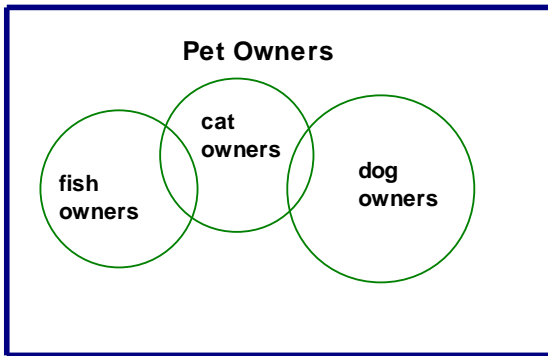


Figure 2

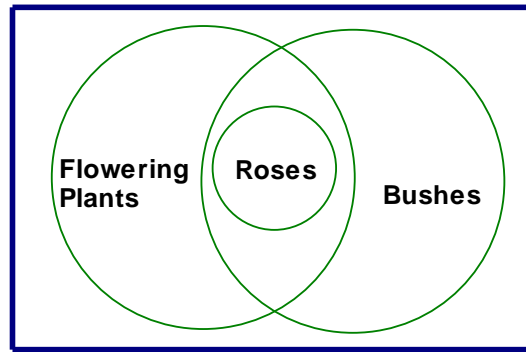


Figure 3

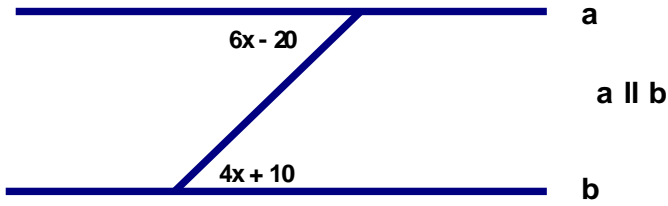


Figure 4

