

Geometry Review Quiz 11

Name _____

Put all answers in the blank to the left of the question.

- _____1. What is the midpoint of a line that has endpoints at (0, 3) and (6, -1)?
A. (12, 2) B. (3, 2) C. (12, -5) D. (3, 1)
- _____2. A line segment has an endpoint at (3, 2). If the midpoint of the line segment is (6, 1), what are the coordinates of the point at the other end of the line segment?
A. (4.5, 1.5) B. (4.5, 2) C. (9, 0) D. (9, 3)
- _____3. 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. $y = \frac{1}{2}x - 5$
- _____4. What is the converse of the following statement?
“If Joe goes fishing, then he needs bait.”
A. If he needs bait, then Joe goes fishing.
B. If Joe does not go fishing, then he does not need bait.
C. If he does not need bait, then Joe does not go fishing.
D. If Joe goes fishing, then he does not need bait.
- _____5. If the conditional statement “If you have a laptop, then you have a computer” is represented by $p \rightarrow q$, what is the symbolic representation of “If you have a computer, then you do not have a laptop”?
A. $q \rightarrow \sim p$ B. $\sim q \rightarrow p$ C. $p \rightarrow \sim q$ D. $\sim q \rightarrow \sim p$
- _____6. If $AB + NP = BC + NP$, then $AB = BC$ demonstrates what property?
A. Subtraction B. Addition C. Substitution D. Symmetric
- _____7. According to the Venn diagram on the back of this page, which is true?
A. No bushes are flowering plants. C. No roses are bushes.
B. Some roses are not flowering plants. D. Some flowering plants are bushes.
- _____8. If $\angle A$ and $\angle B$ are complementary angles with $\angle A = 80^\circ$, what is $\angle B$?
A. 10° B. 20° C. 100° D. 120°
- _____9. 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. $10n - 6$
- _____10. What is the measurement of x in Figure 2 on the back?
A. 14 B. 15 C. 16 D. None of the above

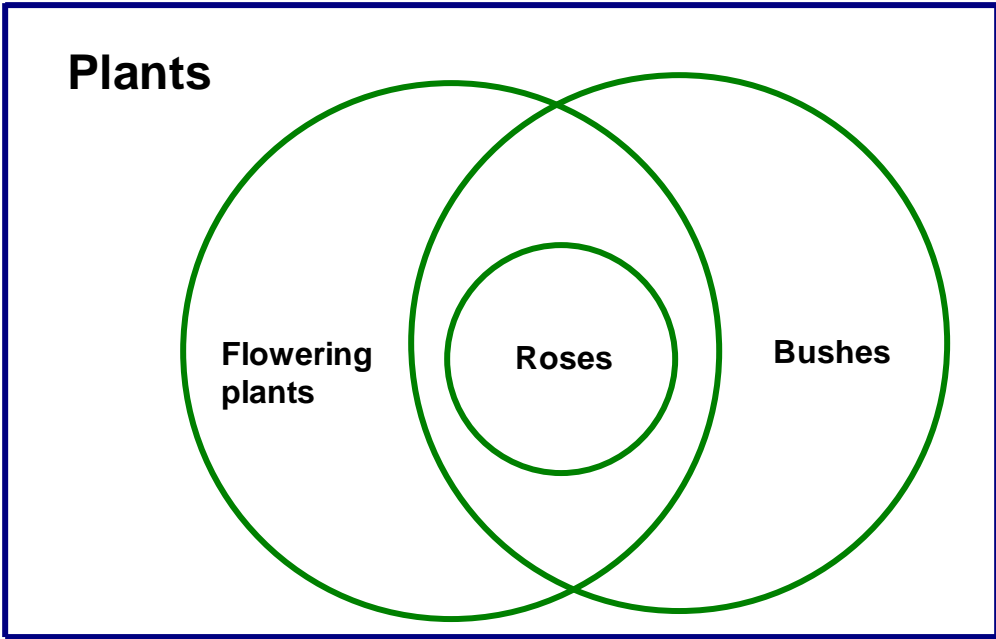


Figure 2

