Honors Geometry Review Quiz 8

Name

Put all answers to the multiple choice questions below. Use Capital Letters, please. 1. What are the measures of two complementary angles if the difference of their measures is 8°? C. 86, 94 A. 39, 51 B. 76, 84 D. 41, 49 2. If you walk 40 miles due East and then 11 miles due South, how far are you from your starting point? A. 41 miles B. 43 miles C. 45 miles D. 47 miles If $\angle A$ and $\angle B$ are vertical angles with $\angle A = 3n + 60$ 3. and $\angle B = 4n + 50$, what is the measurement of $\angle B$? A. 10 D. None of the above B. 20 C. 80 Consider the statement "If you are nice, you have a lot of friends." 4. If you have a lot of friends, then you are nice is the ____ of above. A. Converse B. Inverse C. Contrapositive D. Sublimation 5. According to the Venn diagram on the back, how many play football and basketball at the same time? A. 9 C. 33 D. 14 B. 8 What is the distance from (1, 5) to (4, 0)? 6. A. $\sqrt{37}$ C. $\sqrt{34}$ B. $\sqrt{23}$ D. $\sqrt{48}$ ____7. If 4x = 8, then x = 2. What is the inverse of this statement? C. If $x \neq 2$, then $4x \neq 8$. A. If x = 2, then 4x = 8. B. If x = 2, then $4x \neq 8$. D. If $4x \neq 8$, then $x \neq 2$. 8. There are a total of 10 players on the soccer team and 12 on the tennis team. 4 players play both sports, how many total players are on the soccer or tennis team? A. 16 B. 18 C. 22 D. 26 9. Which below is an example of the transitive property? A. If $\angle A = \angle B$ and $\angle C = \angle D$, then $\angle A = \angle D$ B. If $\angle A = \angle B$ and $\angle C = \angle D$, then $\angle B = \angle D$ C. If $\angle A = \angle B$ and $\angle B = \angle D$, then $\angle A = \angle D$ D. None of the above What is the measurement of $\angle 3$ on the back? 10. A. 20° B. 30° C. 70° D. 80°



