

Geometry Review Quiz 1-3 F

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° ?
A. 39, 51 B. 76, 84 C. 86, 94 D. 41, 49
- ____2. 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
- ____3. If $\angle A$ and $\angle B$ are vertical angles with $\angle A = 2n + 60$ and $\angle B = 4n + 20$, what is the measurement of $\angle B$?
A. 10 B. 20 C. 80 D. 100
- ____4. Consider the statement "If you are nice, you have a lot of friends." 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 B. 8 C. 33 D. 14
- ____6. What is the distance from (1, 5) to (4, 0)?
A. $\sqrt{37}$ B. $\sqrt{23}$ C. $\sqrt{34}$ D. $\sqrt{48}$
- ____7. The converse of all dogs like to chase cats is that some dogs like to chase cats.
A. True B. False
- ____8. Complementary angles add up to 180 degrees.
A. True B. False
- ____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
- ____10. What is the measurement of $\angle 3$ on the back?
A. 20° B. 30° C. 70° D. 80°

