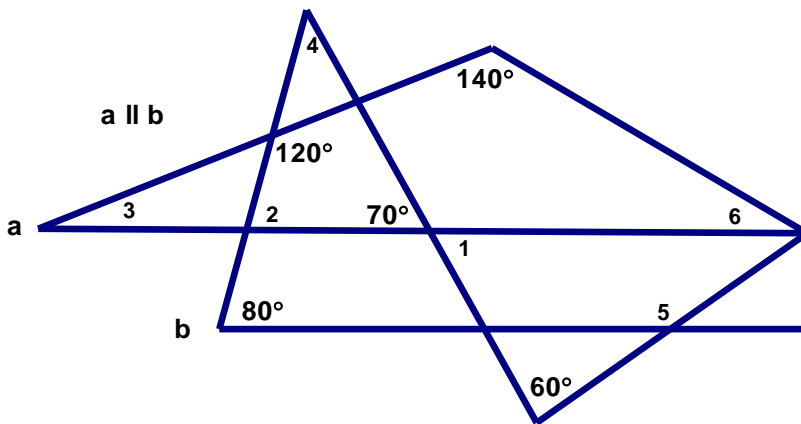# Geometry Review Quiz 23

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 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.    If $\angle A$ and $\angle B$ are a linear pair with $\angle A = n + 40$
and $\angle B = 9n + 20$, what is the measurement of $\angle A$?
A.  22              B.  12              C.  52              D.  42

Consider the statement "If you are nice, you have a lot of friends."

_____5.    If you have a lot of friends, then you are nice is the ___ of above.
A.  Converse              B . Inverse              C. Contrapositive       D. Sublimation

_____6.    If you are not nice, you don't have a lot of friends is the ____ of above.
A.  Converse              B . Inverse              C. Contrapositive       D. Sublimation



_____7.    What is the measurement of $\angle 3$ above?
A.  20°              B.  30°              C.  70°              D.  80°

_____8.    What is the measurement of $\angle 4$ above?
A.  20°              B.  30°              C.  70°              D.  80°

_____9.    If in $\triangle CWH$ $\angle W = \angle H$ what can you conclude?
A.  CW = WH              B.  CH = CW              C.  CH = WH              D.  $\angle C = 100°$