

Geometry #9: Logical Statements  
**Do Now**

Let  $p$  represent “It is cold” and let  $q$  represent “It is snowing.” Which expression can be used to represent “It is cold and it is not snowing”?

- (1)  $\sim p \wedge q$       (2)  $p \wedge \sim q$       (3)  $p \vee \sim q$       (4)  $\sim p \vee q$