

Example 3: Construct a truth table for  $\sim p \wedge \sim q$  to determine when the statement is true and when the statement is false.

Example 4: Construct a truth table for  $(p \wedge \sim q) \vee \sim p$  to determine when the statement is true and when the statement is false.

Example 5: Construct a truth table for  $(p \wedge \sim p)$  to determine when the statement is true and when the statement is false.