Name:_____   Course, Year & Section:_____

Date:_____   Remarks:

CROSSOVER CABLE

Objective
The purpose of this activity is to build a crossover cable to T568-B or T568-A standards for connection from a workstation to workstation or from a switch to a switch.

Background
In this activity you will learn how to build a Category 5 (CAT5) Unshielded Twisted Pair (UTP) Ethernet **crossover network cable** and test it for good connections and correct pinouts. This will be a 4 pair (8 wires) "crossover" cable which means that pairs 2 and 3 on one end of the cable will be reversed on the other end. All eight conductors (wires) should be terminated with RJ45 modular connectors.

Tool/Preparation
1. 1-1.5 meters length of CAT5 cabling.
2. Four RJ45 connectors (two extra for spare).
3. Crimping tools to attach the RJ45 connectors to the cable ends.
4. Ethernet cabling continuity tester that can test crossover type cables (T568-A to T568-B).
5. Wire cutters.

Reflection

HOW CAN YOU TELL IF YOUR CABLE IS FUNCTIONING PROPERLY?

Visual Test:

Cable Test:

Functional Test: