

Building a LAN Quiz 1

Name: _____ Date: _____

1. We are connecting two hubs that do not have upload RJ45 ports in our LAN. What ends will we place on the cable?
 - a. 568A and 568A
 - b. 568B and 568B
 - c. 568A and 568B
 - d. 568B and 568C
2. We are working on a ladder and the safety person just wrote you up. What did you do wrong?
 - a. You were on the top step of the ladder
 - b. You were leaning sideways far from the center of gravity
 - c. You left a tool lying sideways on the top tray of the ladder
 - d. You had three points of contact
3. What type of cable goes from the switch to the router?
 - a. 10 twisted pair cable
 - b. Patch cable
 - c. Crossover cable
 - d. 6 twisted pair cable
4. When pulling a copper cable through the ceiling or wall, dangers are
 - a. Wrapping the Category 6 cable around a power conductor
 - b. Touching the fiberglass insulation
 - c. Cutting the outside insulation and then the fragile inside conductors
 - d. Damaging the steel beams
5. What tool do we use to cut cable ties around a bundle of existing Category cable?
 - a. RJ45 crimpers
 - b. Small wire cutters
 - c. Utility knife
 - d. Lock cutters
6. What do we want to avoid with copper conductors?
 - a. Straight cable path
 - b. Good punch downs
 - c. Good crimps
 - d. Kinks in the cable
7. What are the two choices we have when bringing Category cable into an office?
 - a. Mount it on the exterior of the building
 - b. Surface mount the cable on the walls from the ceiling
 - c. Pull the cable through the walls
 - d. Place the in the slab concrete floor

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8. What is the order of conductors when making a crossover cable?

9. What is the order of conductors when making a patch cable?

10. When making a 6-foot patch cable, what is most expensive in the materials list?

- a. The Category 6 cable
- b. The 2 RJ45 ends
- c. The wire numbers

11. When pulling cable in a building, what is the minimum number of ladders to run the cable efficiently?

- a. 0
- b. 1
- c. 2
- d. 3

12. What is the amount of spare cable calculated for each wire in a LAN

- a. 100 to 200%
- b. 50 to 100%
- c. 10 to 50%
- d. 1 to 5%