

Team 4909 Week 2 Safety Quiz

Name: _____

1. How do you hold a battery? *
 - a. By the wires
 - b. By the beak
 - c. By the sides or top
 - d. You can't hold a battery

2. Where does the team store all of our batteries?
 - a. One battery on every table
 - b. By the sink next to the first aid kit
 - c. In the trailer outside
 - d. In the battery box

3. Should you check the battery every time you use it to make sure it is not damaged?
 - a. Only as an extra precaution
 - b. Yes, always
 - c. Only at competition
 - d. Only occasionally

4. What color is positive and negative on our team's batteries?
 - a. Red is both + and -
 - b. Black is both + and -
 - c. Black is (+) Red (-)
 - d. Red (+) Black (-)

5. What batteries are legal on an FRC robot?
 - a. 1.21 Gigawatts
 - b. 12 Volts
 - c. 2 Volts
 - d. 9 Volts

6. What are the best ways to prevent any battery spills, battery explosions, and/or battery injuries? (Circle all that apply)
 - a. Dispose of damaged batteries in the trash bin
 - b. Make sure it is not overheating while in use
 - c. Immediately charge batteries after use without waiting for them to cool
 - d. Make sure it is not damaged before use

7. What could happen if there is a damaged/shorted battery?
 - a. It could explode
 - b. It should still be used in the robot
 - c. None of the above

8. What is the battery beak?
 - a. A battery protection mask
 - b. What is inside a battery
 - c. Something that you use to charge a battery
 - d. Something that is used to check battery health

9. What should you do if you start to feel the battery overheat? (Circle all that apply)
 - a. Stop using it
 - b. Turn it off
 - c. Ignore it, the battery will cool down on its own
 - d. Tell a mentor/adult

Answer Key

1. C
2. D
3. B
4. D
5. B
6. B & D
7. A
8. D
9. A, B, D