

Name:

Date:

Class:

Tracking Movement with Metadata - Pre-Assessment Answers

1. Is it safe to upload an image to the internet? (check your answer, and explain why)

It depends **_X_**, explain – **If the image uploaded does not have metadata then it is safe.**

2. What is metadata? **A set of data that describes and gives information about other data.**

3. What is the Global Positioning System (GPS)? **A network of orbiting satellites that send precise details of their position in space back to earth. The signals are obtained by GPS receivers, such as navigation devices and are used to calculate the exact position, speed and time of the GPS equipped device's location. GPS devices can be handheld such as cellphones, as well as installed in vehicles, ships, and aircraft.**

4. In regards to the cyber-world, what is a hacker? **A person who uses computers to gain unauthorized access to data.**

5. What is digital forensics? **A branch of forensic science encompassing the recovery and investigation of material found in digital devices, often in relation to computer crime.**

6. What does DFE stand for? (circle the correct letter) - **C.**

- A. District Fire and Ambulance
- B. Department of Fire and Ambulance
- C. Digital Forensics Engineer**
- D. Digital File Extractor

7. Provide one example of a file extension? **.jpg**

8. Where would you find GPS location system installed? (circle the correct answer) – **D.**

- A. Ship
- B. Car
- C. Smart Phone
- D. All of the above**

9. What does the ExifTool software program do? **Extracts EXIF formatted metadata.**

10. What would be a positive way to use EXIF metadata? - **Various answers the teacher will decide.**