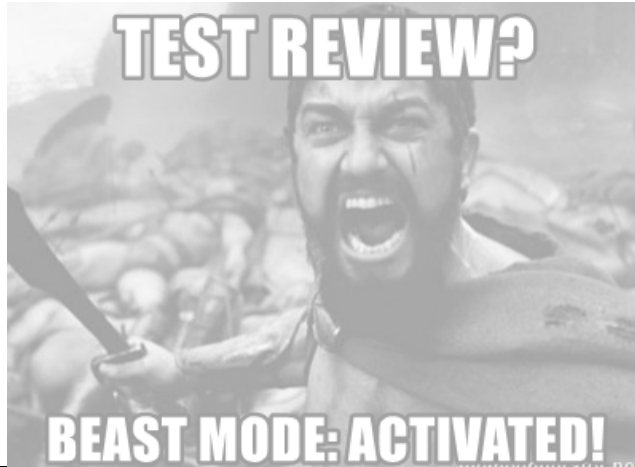


## Unit 8: Ballistics & Firearms Review Sheet



### Unit 8: Ballistics & Firearms Test Information

**Date:**

- **Wednesday, January 31, 2018**

**Format:**

- **Part 1: Vocabulary** (5 matching questions each worth 4 points)
- **Part 2: Multiple Choice** (11 multiple choice questions straight from the notes each worth 4 points)
- **Part 3: Reading Comprehension** (4 short answer questions based on a short reading passage each worth 4 points)
- **Part 4: Writing** (choose 3 of the 5 questions provided answering all parts of the question in full sentences)

**Part 1: Vocabulary**

- Caliber:

\_\_\_\_\_

- Muzzle:

\_\_\_\_\_

- Trajectory:

\_\_\_\_\_

- Cartridge:

\_\_\_\_\_

- Long Gun:

\_\_\_\_\_

- Handgun:

\_\_\_\_\_

- Semi-automatic Gun:

\_\_\_\_\_

- Automatic Gun:

\_\_\_\_\_

- Lands/Grooves:

\_\_\_\_\_

- Rifling:

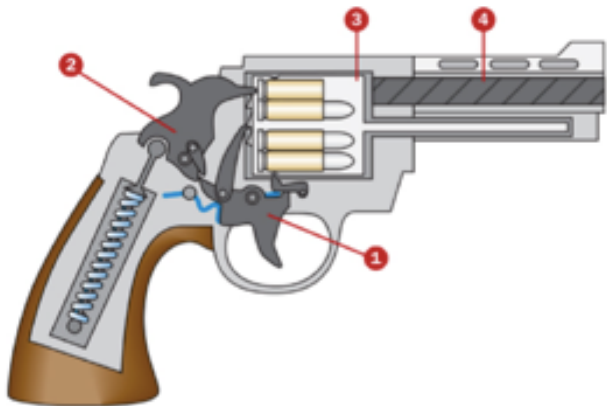
\_\_\_\_\_

- Gunshot residue (GSR):

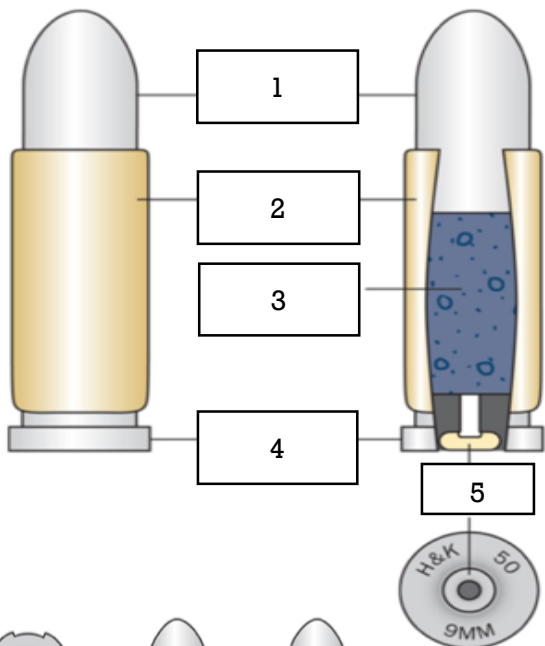
\_\_\_\_\_

**Part 2: Diagram/Image Analysis**

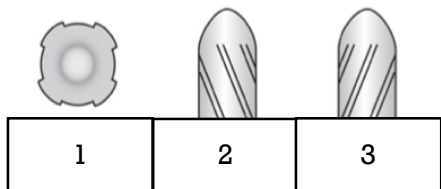
- Label the diagrams below using your knowledge of forensics as well as your notes



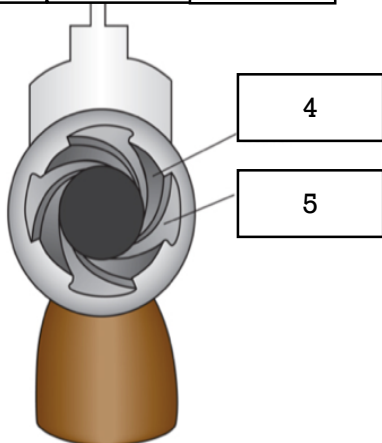
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



1. \_\_\_\_\_
2. \_\_\_\_\_



3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Name: \_\_\_\_\_

Per: \_\_\_\_\_

Date: \_\_\_\_\_

			
<b>Type of Gun:</b>	<b>Type of Gun:</b>	<b>Type of Gun:</b>	<b>Type of Gun:</b>
<b>Specific Characteristics:</b>	<b>Specific Characteristics:</b>	<b>Specific Characteristics:</b>	<b>Specific Characteristics:</b>

**Part 3: Short Answer**

- Question A: Describe how percussion firing weapons work. Your answer must include:
  - The relationship between the hammer and the cartridge
  - The function of the hammer and cartridge

---

---

---

- Question B: Describe the difference between entrance and exit wounds. Your answer must include:
  - How they both form
  - Which is larger, and why

---

---

---

- Question C: Describe the early types of firearms. Your answer must include:
  - The development of gunpowder
  - The difference between matchlock and flintlock weapons

---

---

---

- Question D: Describe the relationship between the distance between the victim and shoot, and the amount of gunshot residue found on the victim. Your answer must include:
  - What gunshot residue is
  - An explanation for the relationship

---

---

Name: \_\_\_\_\_ Per: \_\_\_\_\_ Date: \_\_\_\_\_

---

---

- **Question E: Describe the importance of using the correct caliber ammunition with the correct firearm. Your answer must include:**
    - The definition of caliber
    - The advantages of using the correct caliber ammunition
    - The disadvantages of using the incorrect caliber ammunition
- 
- 
- 

- **Question F: Describe how a firearm works. Your answer must include:**
    - All four steps described in the notes
- 
- 
- 

- **Question G: Describe how the spent cartridge casings are analyzed. Your answer must include:**
    - The differences and similarities between firing pin marks, breechblock marks, and extractor/ejector marks
- 
- 
- 

- **Question H: Describe the four different categories of firearms discussed in class. Your answer must include:**
    - A one sentence description of each type of firearm describing what makes them unique
- 
- 
- 

- **Question I: Describe the use of trajectory in a forensic investigation. Your answer must include:**
    - The definition of trajectory
    - Reference points (definition, function, and examples)
    - Tools used to determine trajectory
    - Things that affect trajectory
- 
- 
- 

- **Question J: Describe the process used to match bullets. Your answer must include:**
    - What test-firing is
    - What happens to the bullet during this process
    - How bullets are linked to a particular weapon
- 
- 
-