**Fire Arm Questions**

1. When a bullet penetrates a target it will "mushroom". Sketch a mushroomed bullet.

2. Do all bullets mushroom when they penetrate a target? Explain your answer.

3. For each of the following distances explain the effect of a gunshot from each distance.

<table>
<thead>
<tr>
<th>Distance</th>
<th>Effect on Surface</th>
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<tbody>
<tr>
<td>Zero Distance</td>
<td></td>
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<tr>
<td>12 to 18 inches or less</td>
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<tr>
<td>Approximately 25 inches</td>
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<tr>
<td>3 feet from a target</td>
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</table>
4. The following are example names for common handguns:
   32  44  22  357
   What do these numbers mean if anything?

5. Do all types of guns have rifling? If not, which do not and why?

6. Explain why there is a flash from the end of a gun barrel when fired?

7. What is the purpose of rifling a gun barrel?

8. Sketch and label all the parts of a hand gun round.

9. Label each part of the shotgun shell below.
10. List and Sketch the three main types of bullets, then explain the purpose of each.

11. List the three main compositions of bullets and the purpose of each.

12. Revolvers may be grouped into two different classes, single-action and double-action. What is the difference between a single action revolver and a double-action revolver?

13. Sketch lands and grooves. What is the purpose of the lands and grooves?

14. Explain the difference in a 357 and a 357 magnum.
15. What is the purpose of a safety on a gun?

16. Do all guns have safeties? If not, which do and which don't.

17. Explain the relationship between trigger pull and rounds fired for each of the following type of weapons.

   Single Shot-

   Double Barrel-

   Simi-Automatic-

   Automatic-

18. Briefly explain how to unload each of the following:

   Pistol  

   Revolver