

SOUTH DAKOTA

SHOOTING



SPORTS

LEARN BY DOING

• WELCOME

- *Tripp County Shooting Sports*
- *What is 4-H Shooting Sports?*



BASICS

Introduction of Instructors

Safety/Test

GOALS

Meetings/Practices

Time Schedule

Food and Drink

Clothing



SAFETY

***Eye Protection**

***Ear Protection for .22
shooters**

***Common Sense**

***Responsibility**

SAFETY RULES

Muzzle Awareness

Action Open and Empty

and Safety ON.

Finger off Trigger until ready to shoot.

Anyone can call CEASE FIRE.

**TYPES OF
FIREARMS
THAT WE
WILL BE
SHOOTING.**

BB Guns for beginners and older

**Air Pistol for 2nd year shooters
and older**

**Air Rifle for 3rd year shooters and
older**

**.22 Rifle -- CMP or 3Position for 12
year old and older**

**.22 Pistol for 12 year old and
older**

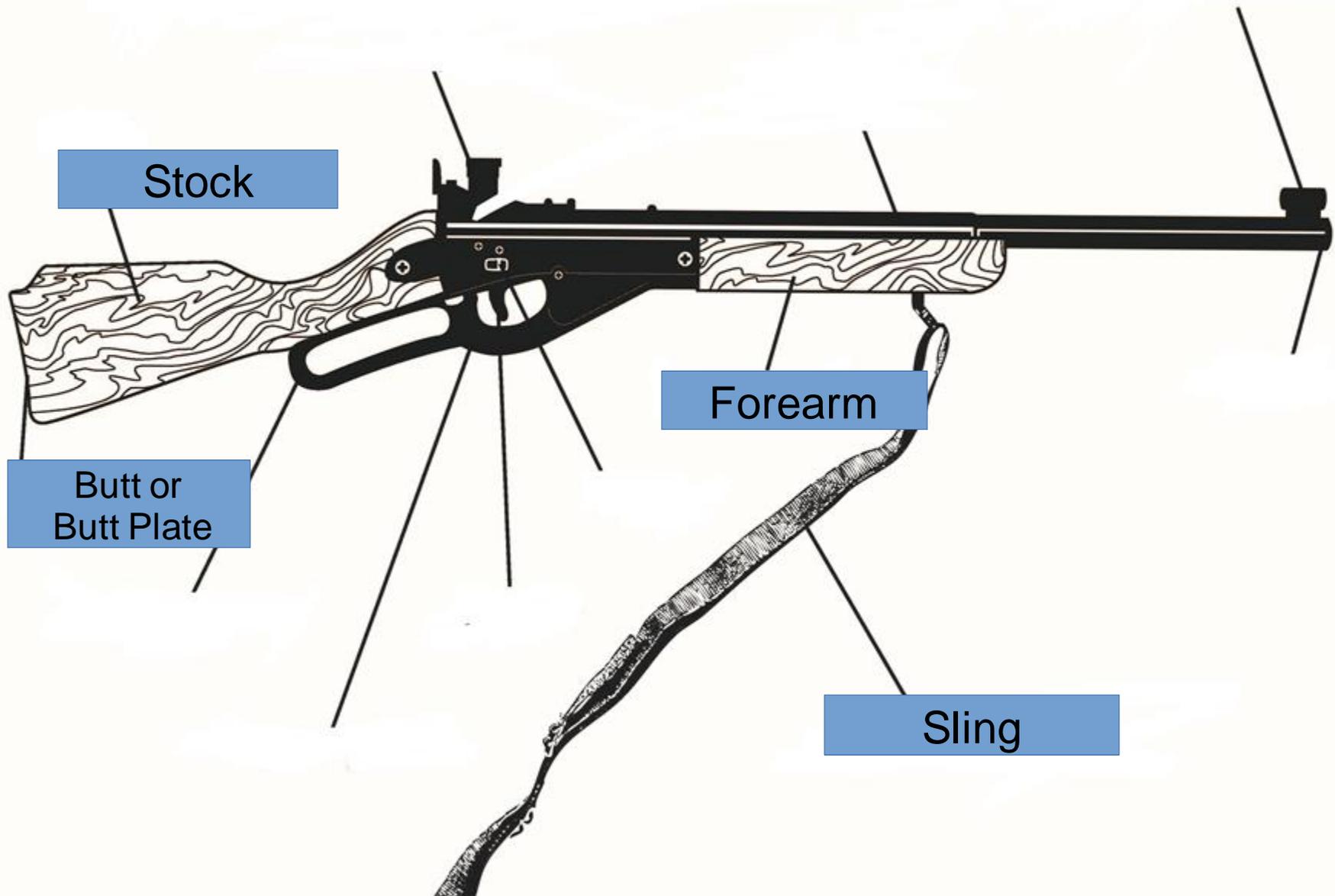
EVERY GUN
HAS THESE
ELEMENTS

STOCK

ACTION

BARREL

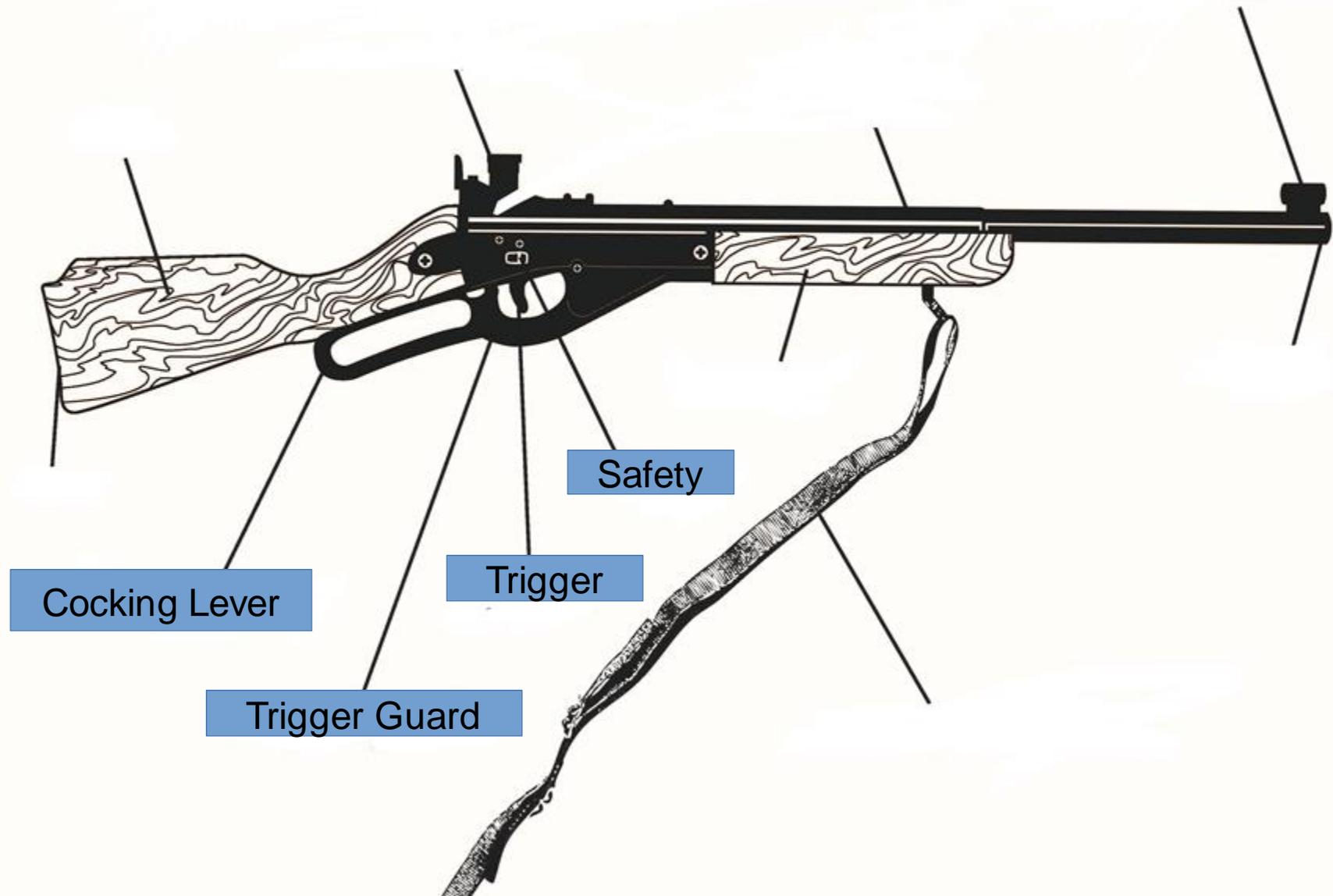
PARTS OF A RIFLE – STOCK



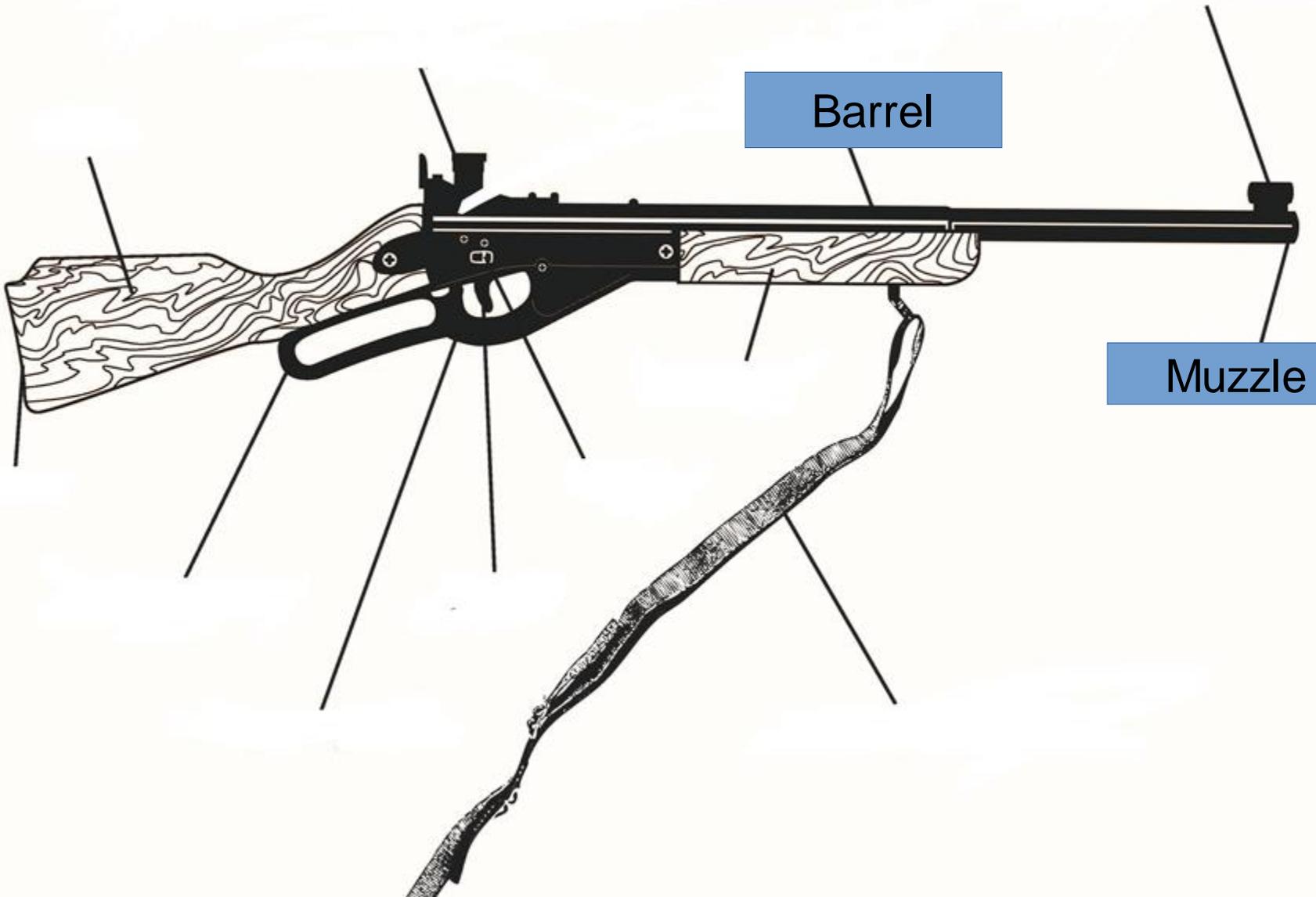


ILLEGAL STOCK

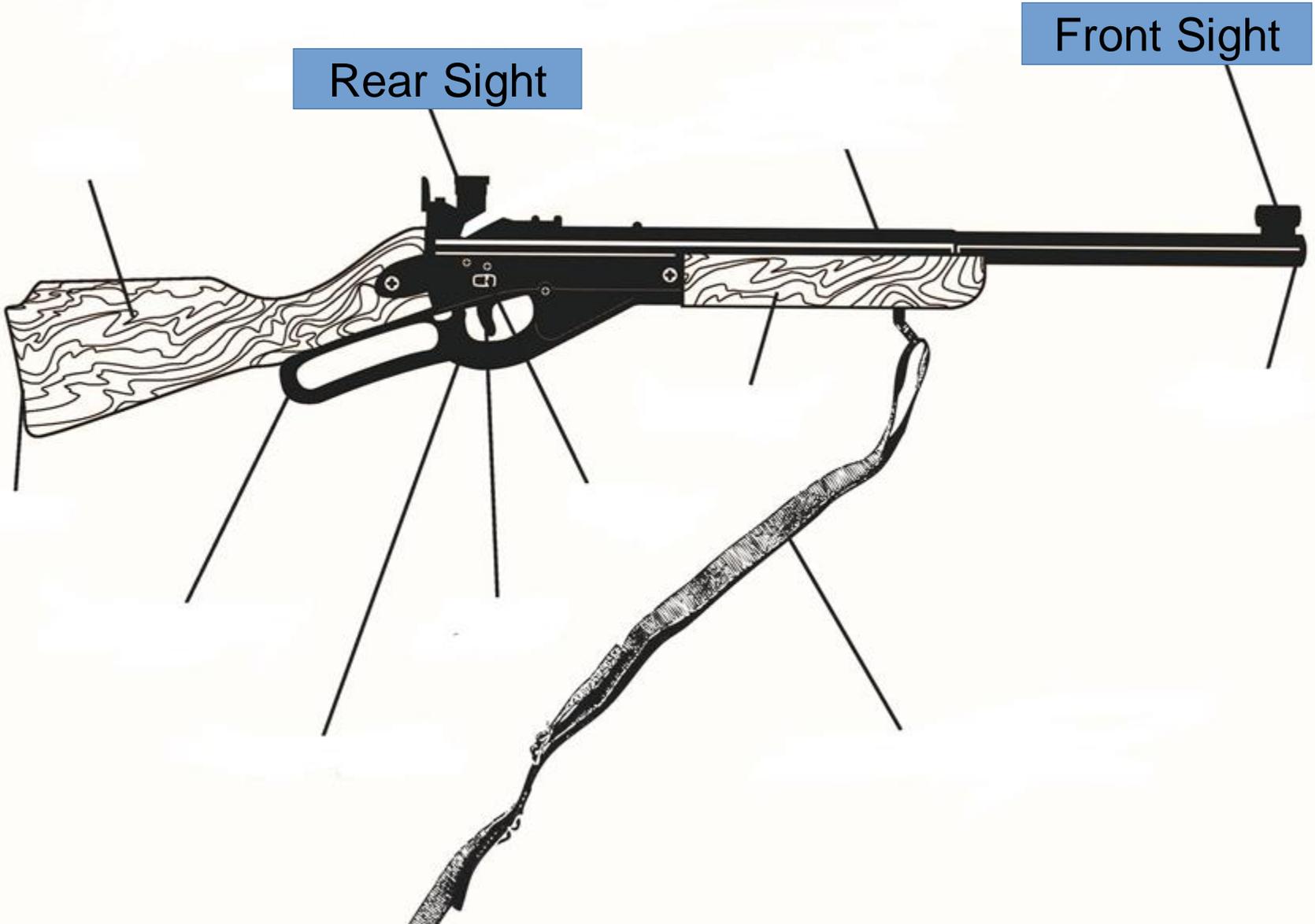
PARTS OF RIFLE – ACTION



PARTS OF A RIFLE – BARREL



PARTS OF A RIFLE – SIGHTS



EYE DOMINANCE

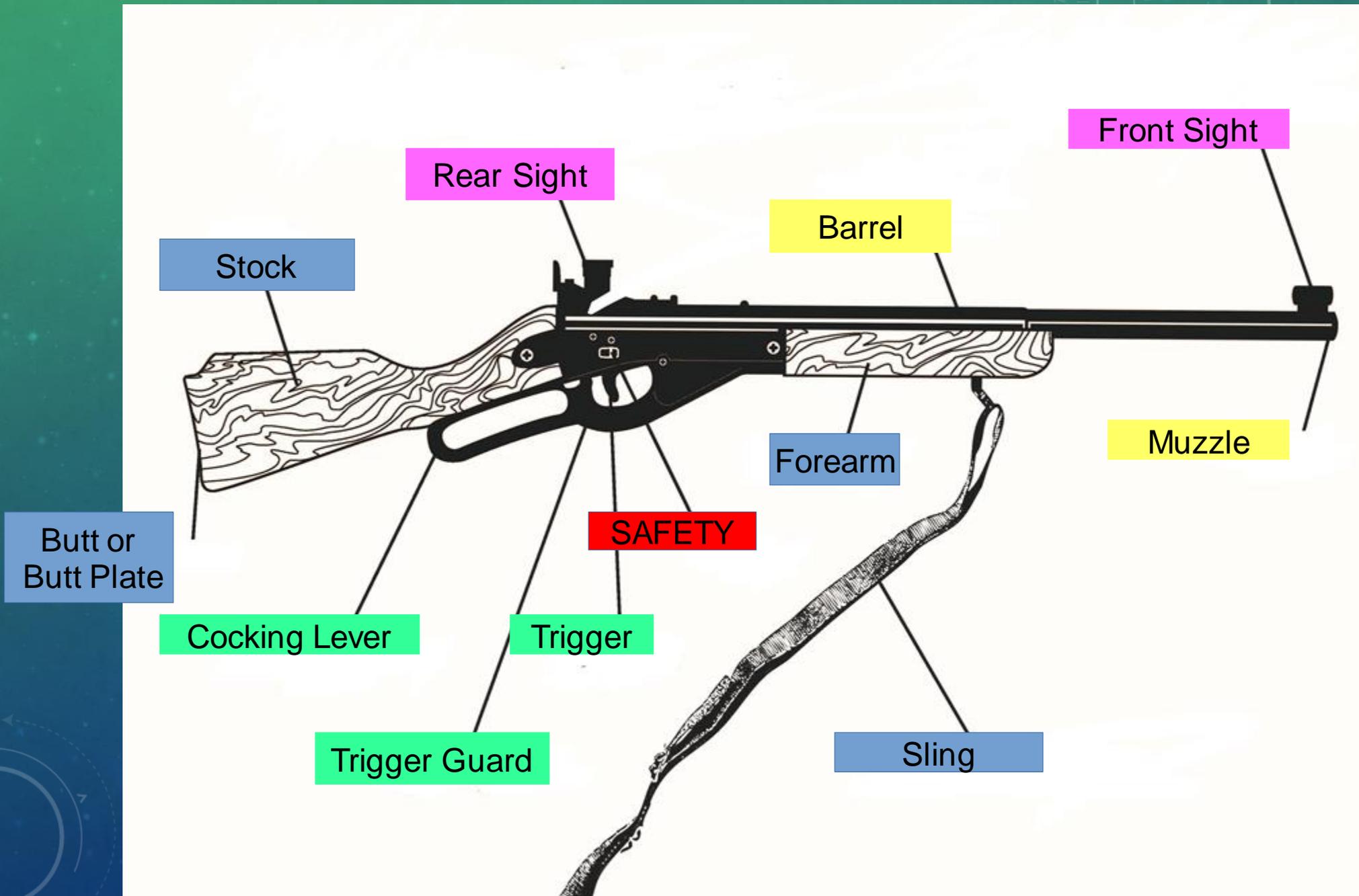
Find someone to help you. Stand facing them 4 to 5 feet away.

With both eyes open, form a tight circle with your hands (or look through a tube) through which you can see your partners nose.

Making sure you continue looking at your partner's nose, bring your hands (or tube) back to your face.

When your hands (or tube) touch your face, you will be looking through the circle at your partner's nose with your dominant eye.

PARTS OF A BB GUN



TYPES OF FIREARMS

- Rifles

WHAT
TYPES OF
RIFLE
ACTIONS
ARE
THERE?

Bolt Action

Semi-Automatic

Break Action

Lever Action

Pump Action



BOLT ACTION



SEMI-
AUTOMATIC



LEVER ACTION



BREAK ACTION



PUMP

OTHER TYPES OF FIREARMS

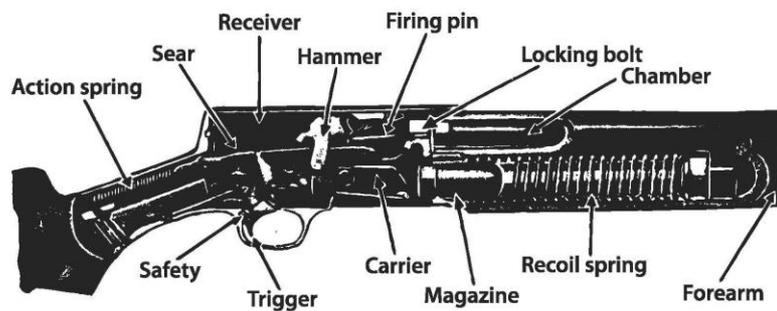
- Pneumatic
 - Air Rifle
 - Pump
 - Compressed Air
 - CO2
- BB Guns



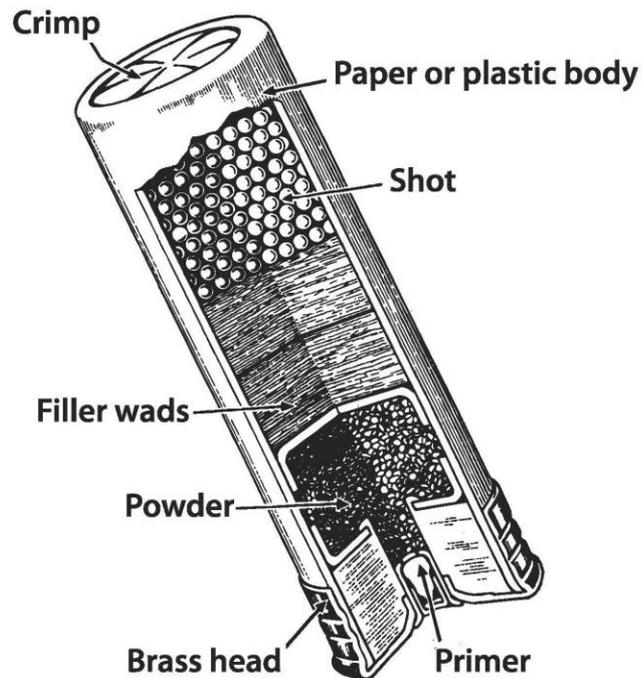
OTHER TYPES OF
FIREARMS-
SHOTGUNS

- Pump Action
- Break Action
- Semi-Automatic
- Single or Double Barrel
- Over and Under

Semi-Automatic Shotgun

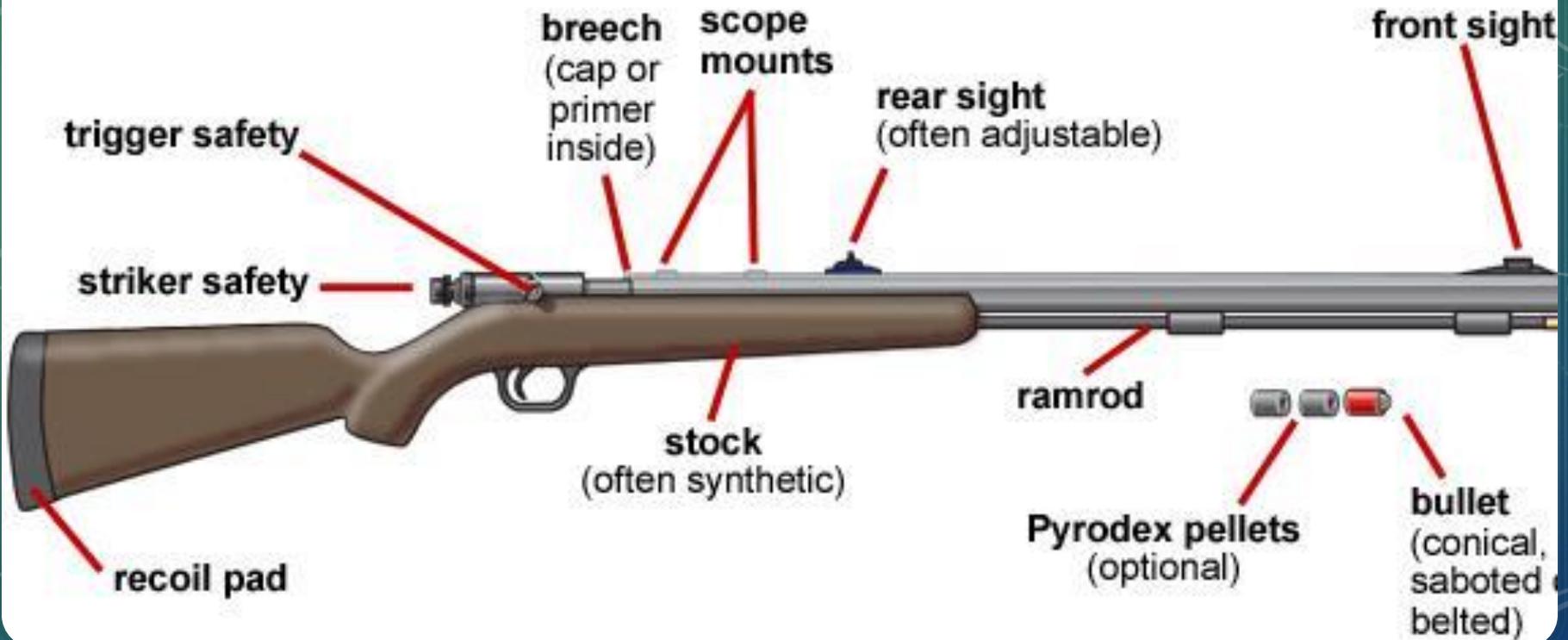


Shotgun Shell



SHOTGUN

Parts of an In-line Muzzleloader



TYPES OF FIREARMS

MUZZLE LOADER



The 10 Rules
of

Proper Gun
Handling

RULES OF PROPER GUN HANDLING

Rule 1:

Treat every gun as if it loaded. To check if a firearm is unloaded, open the action and visibly or physically check the chamber. Do this by pointing the gun in a safe direction.

RULES OF
PROPER
GUN
HANDLING

Rule 2:

Always point the
barrel in a safe
direction

RULES FOR PROPER GUN HANDLING

Rule 3:

Never carry a loaded or cocked gun into your car, home, camp or public place. When you finish hunting or shooting and want to go into a car, your house, or camp unload your gun. If possible put your gun in a gun case. Never carry a gun into a public place, uncased. When storing your gun even for a few minutes, make sure your ammunition is locked in a strong box or cabinet away from kids and irresponsible adults.

RULES OF
PROPER
GUN
HANDLING

Rule 4:

Never climb a tree or fence or jump a ditch with a loaded gun.

RULES OF PROPER GUN HANDLING

Rule 5:

Never shoot at a flat, hard surface, or the surface of water. Bullets also bounce off rocks and other hard surfaces. This is called bullet ricochet. Rocks skip off of water, so do bullets. Never shoot at water.

RULES OF PROPER GUN HANDLING

Rule 6:

Be sure of your backstop. A safe backstop is something used to stop a bullet, pellet, or BB. Hills, trees, a pile of sand or man-made bullet trap are used to stop bullets. A hill or pile free of debris is the best backstop.

RULES OF PROPER GUN HANDLING

Rule 7:

Be sure of your Target and Beyond. If you are hunting, you must know what the game animals look like and be able to identify legal game animals.

A. Never fire at a movement.

B. Never fire at a sound.

C. Never fire at a patch of color.

RULES OF PROPER GUN HANDLING

Rule 8:

Be sure your barrel and action are free of obstructions. If something breaks on your gun, do not try to fix it yourself, take it to a gunsmith. After each use of your gun, clean the gun and oil it. Do not over oil, a few drops will be enough. Make sure your barrel is free of mud, snow, or dirt. Check all new guns for excess grease. Be sure to clean a new gun before using it the first time.



RULES OF
PROPER
GUN
HANDLING

Rule 9:

Know your gun and ammunition. You must know how each gun works before you shoot it. Each gun whether it is a shotgun, rifle or an air gun/BB gun. Know what the size of shell or pellet your gun uses.

RULES OF
PROPER
GUN
HANDLING

Rule 10:

Respect people's property.

A. Leave gates as they were.

B. Ask permission to use others' land.

GUN CARRIES

Three Basic Rules for Carrying a gun:

- Muzzle pointed in a safe direction
- Safety “ON”
- Finger is off the trigger and outside the trigger guard.



2. Cradle carry



1. Two hand carry or Ready carry



3. Side carry or Under arm carry

GUN CARRIES



5. Trail carry



4. Marching or
Shoulder carry



6. Sling carry

GUN CARRIES

SHOULDERING

STAND Raise your hand that you write with.

Bend that elbow, and touch the center of your chest with that hand.

While touching your chest bring elbow down so it is level with your shoulder.

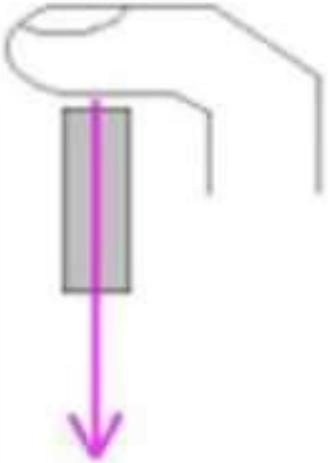
With your other hand find the pocket in your shoulder. The pocket is located between the shoulder muscle and the collar bone.

Press hard on this pocket, remember where it is.

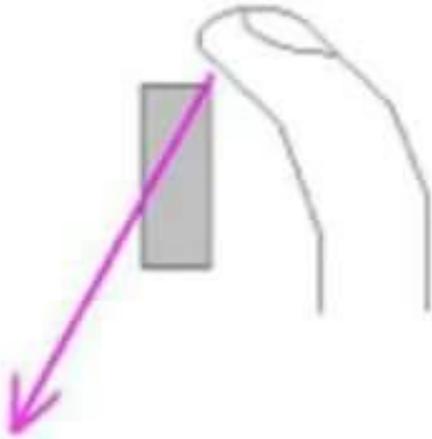
This is where the butt of your gun should be positioned.

ACT OF FIRING A SHOT

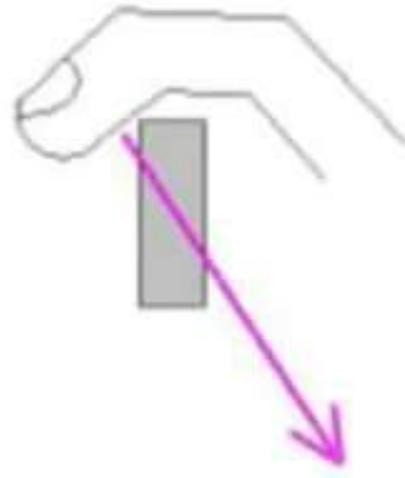
- The 7 most important things to remember in firing a shot are:
 - Body Position
 - Breath Control
 - Proper Sight Alignment
 - Proper Sight Picture
 - Trigger Control
 - Follow Through
 - Calling Your Shot



Correct



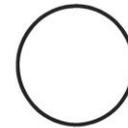
Trigger too long: this results in "pushing" the trigger at an angle - causing the muzzle to move sideways



Trigger too short: this results in "pulling" the trigger at an angle - causing the muzzle to move sideways

TRIGGER CONTROL

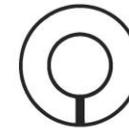
SIGHT PICTURE CHART



Peep rear sight



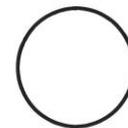
Aperture front sight



Proper alignment



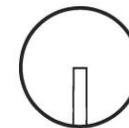
Proper sight picture



Peep rear sight



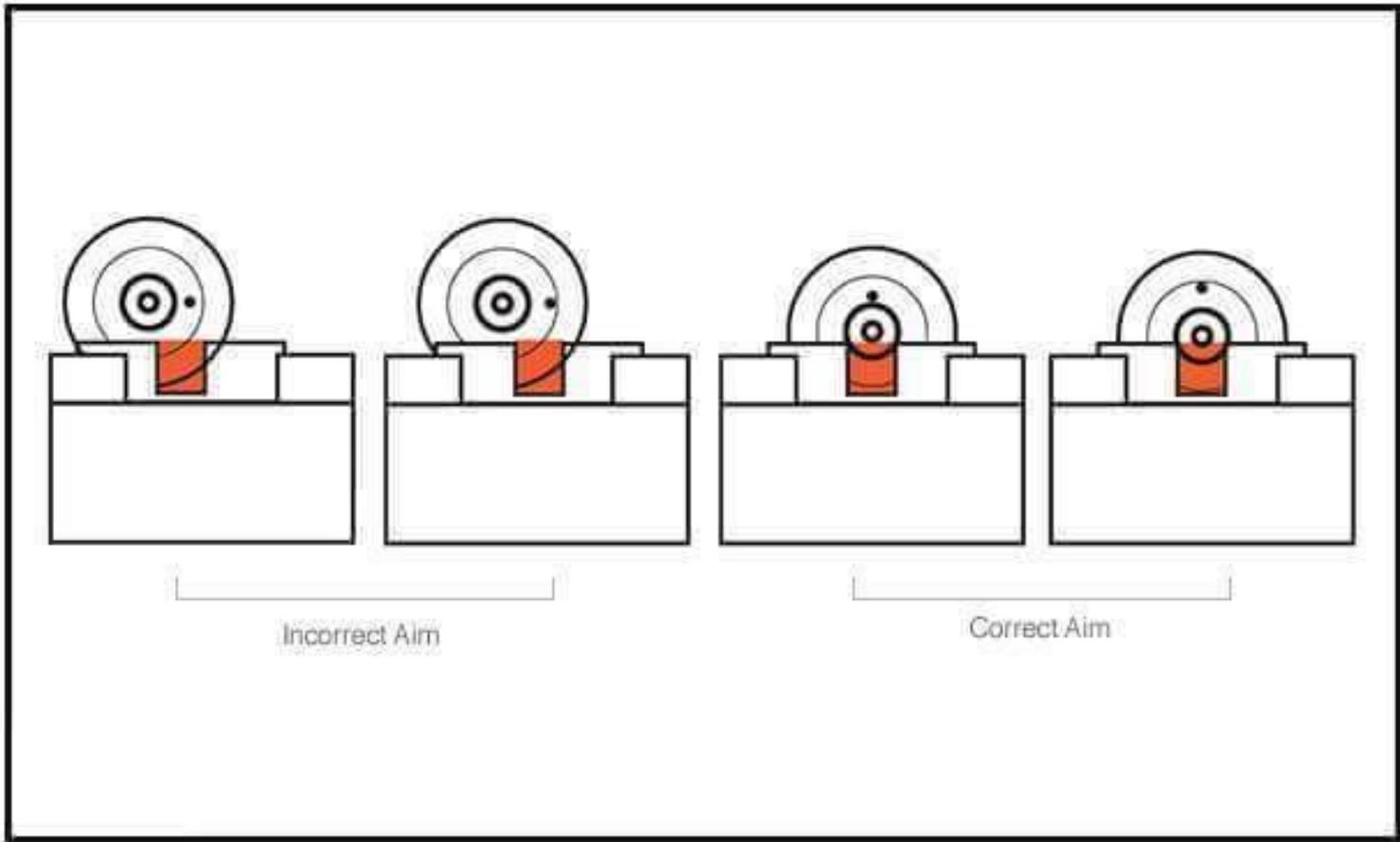
Post front sight



Proper alignment



Proper sight picture



HOW TO LOAD A DAISY BB GUN



RANGE COMMANDS

1) Shooters to the line. Your Preparation Period Begins Now.

2) Your Preparation Period Has Ended

3) Is The Line Ready?

4) The Line is Ready

5) Ready on the Left, Ready on the Right, All Ready on the Firing Line.

6) Load Round

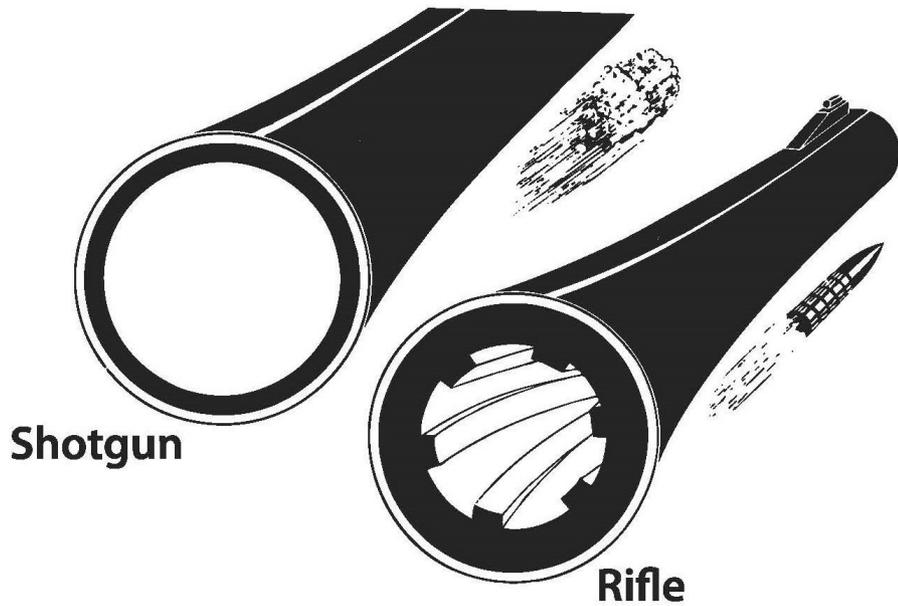
7) Commence Firing

8) Cease Firing

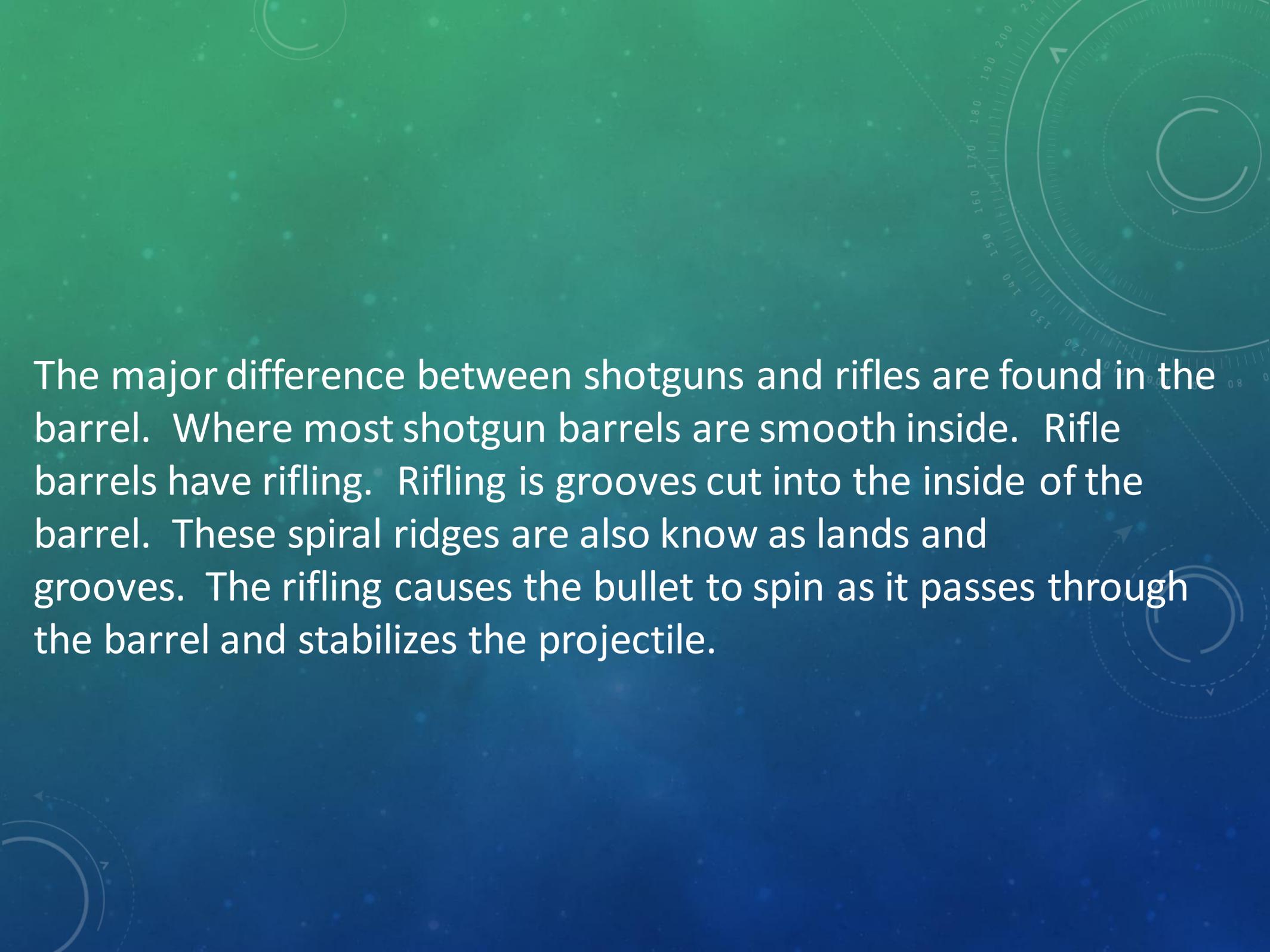
9) Make the Line Clear

10) The Line is Clear

Shotgun and Rifle Barrel Differences



BARREL
DIFFERENCES

The background features a green-to-blue gradient with faint technical diagrams. A prominent circular scale on the right side has numerical markings from 120 to 210. Other diagrams include concentric circles and arrows, suggesting a technical or scientific theme.

The major difference between shotguns and rifles are found in the barrel. Where most shotgun barrels are smooth inside. Rifle barrels have rifling. Rifling is grooves cut into the inside of the barrel. These spiral ridges are also know as lands and grooves. The rifling causes the bullet to spin as it passes through the barrel and stabilizes the projectile.

ORION TARGET
IDENTIFICATION
LETTERS
FOR USE IN BB GUN
AND AIR RIFLE

- **P = Prone**
- **S = Standing (Offhand)**
- **I = Sitting**
- **K = Kneeling**

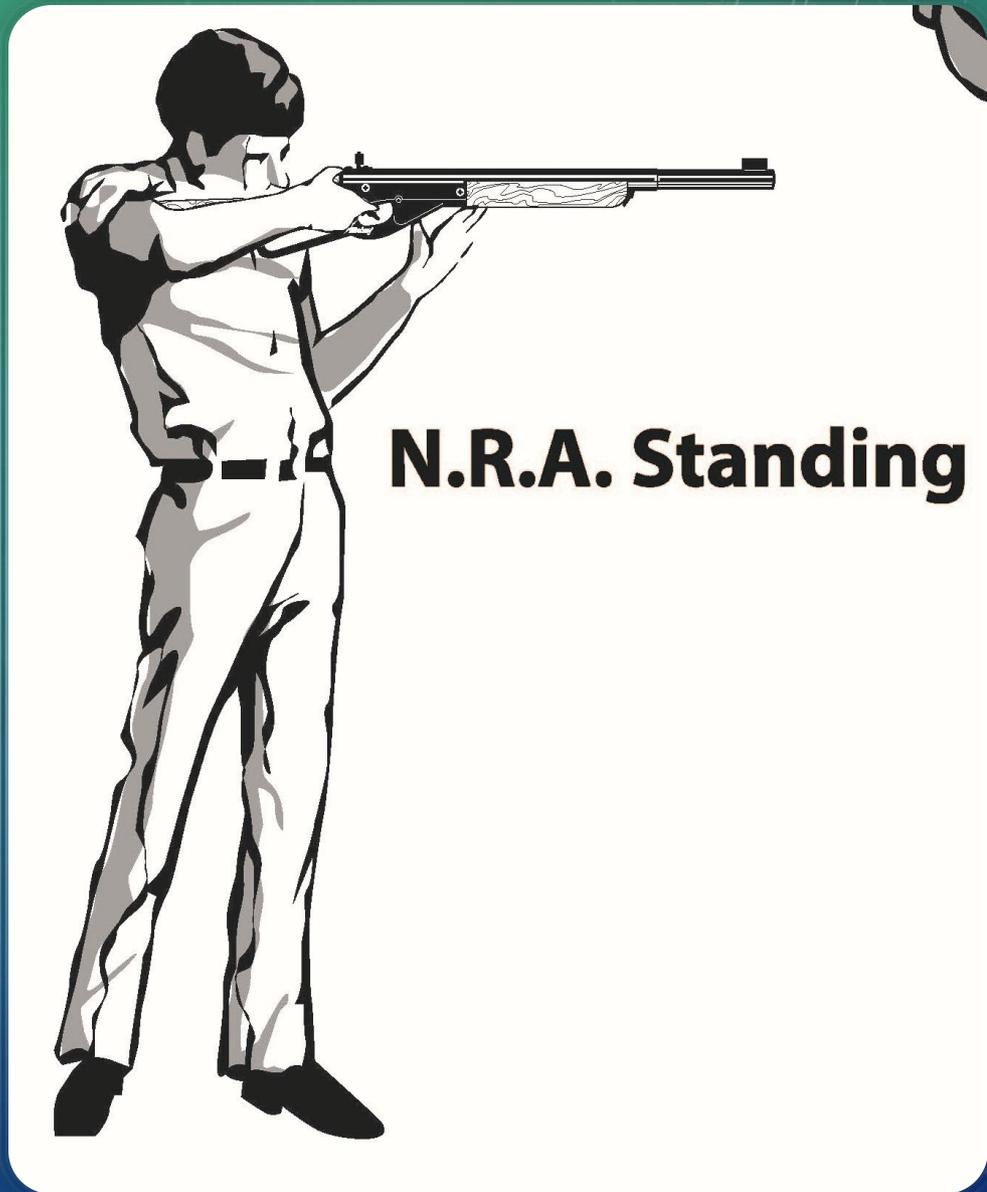
SHOOTING POSITIONS

- Prone (for right handed shooters)
- Place shooting mat at 25-30 degree angle to the line of fire.
- Put sling, high on the arm, on long and loose.
- Lie down on the mat with the left elbow under the left sideline, your right leg bent.
- Place the butt-plate high enough in the shoulder to keep the head reasonably erect.
- Adjust the left hand location to raise or lower the sights to target level.
- Tighten the sling until it supports the rifle.
- Rotate the position on the left elbow so the sights point at the target.



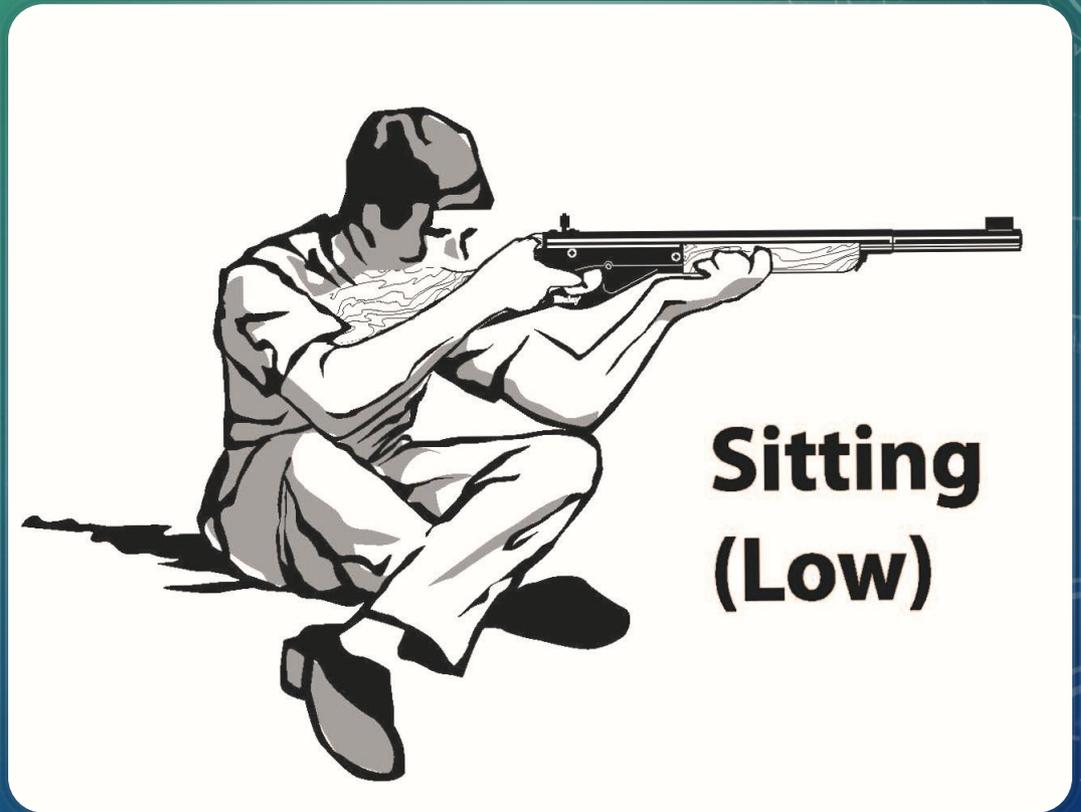
SHOOTING POSITIONS

- **Offhand (Standing)**
- **Orient the Body** – Stand on the firing line and turn the body 90 degrees away from the target.
- **Shoulder the Rifle** – Shoulder the rifle by placing the butt-plate in the shoulder, keep the wrist straight and lower the left arm down onto the side.
- **Position the Left Elbow** – Place the left elbow on the side or hip so it is directly under the rifle.
- **Position the Head** – Adjust the position of the butt-plate in the shoulder so that the head remains reasonably erect.
- **Relax and Balance the Position** – After placing the rifle in position, relax the left shoulder and arm down and balance the position so that the weight of the body and rifle is equally distributed over the feet.
- **Select a Left Hand/Wrist Position** – Select a left hand position that raises the sights to the level of the target. The hand/wrist position must fill the distance between the hip and the bottom of the rifle.



SITTING

- The body of the shooter faces 45-60 degree angle right of the line of fire. (left knee facing forward)
- Put on sling long and loose.
- Sit on the mat with legs crossed. The leg that supports the gun goes on top. The outside of each foot rests on the ground and supports the knees.
- Keep butt of gun up in shoulder so head is erect.
- The elbows are placed on or near the knees and form triangles to support the rifle.
- Move left hand back until sights are at target level. Then tighten sling so it supports the gun.
- The left elbow is directly under the rifle.
- Rotate position so you are pointing at your target.



KNEELING

- Kneel over kneeling roll, place right ankle on the roll. Sit on right heel.
- Locate the Left Leg – place the left foot under the rifle so that the lower leg is vertical.
- Put on sling (long and loose) and shoulder the rifle.
- Locate Left Elbow – Relax with rifle in position and drop left elbow to left leg.
- Move left hand forward or back to adjust sights to target level.
- Tighten the sling.
- Rotate the entire position on right heel until the sights point at the correct target.



**Kneeling
(Low)**

.22 PISTOL



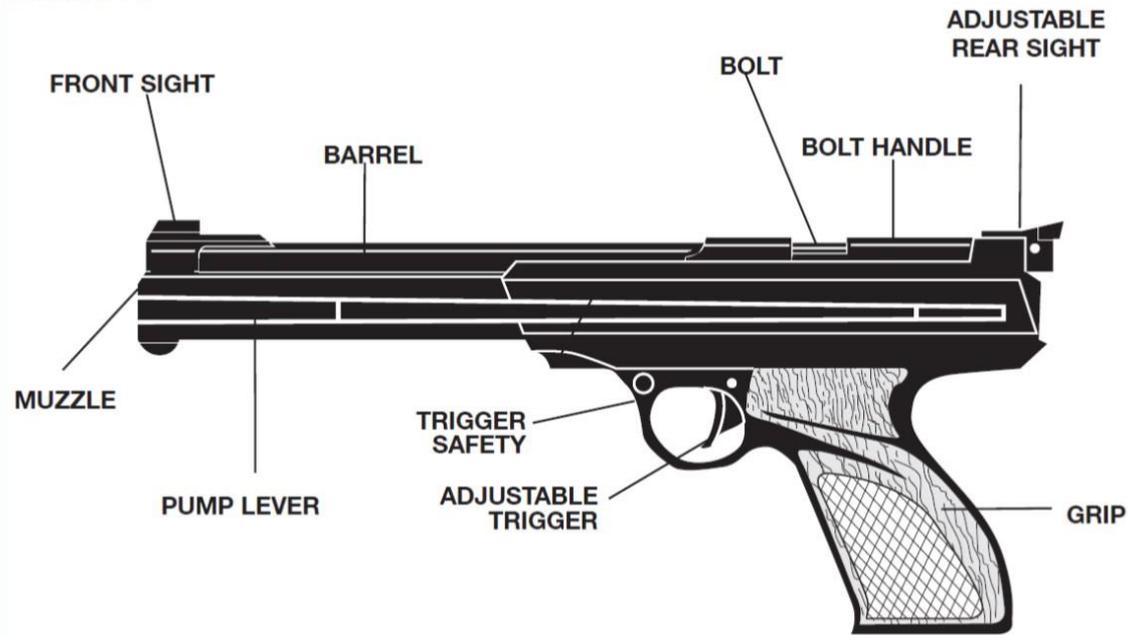


Simple Blowback Animation
4 pixels/mm (22 caliber)

PISTOL



FIGURE 1



TRIUMPH 747

PARTS OF AN AIR PISTOL

AIR PISTOL

- Proper Air Pistol Cocking/Loading
 - 1) Make sure SAFETY is on.
 - 2) Remove OBI (open barrel indicator)
 - 3) Open Pellet Loading Port.
 - 4) SLOWLY open the cocking lever as far as it will open and SLOWLY close it.
 - 5) Load pellet and close Pellet Loading Port.
- Your Air Pistol is now loaded. Always keep it pointed in a safe direction (down range) with the safety on until you are ready to fire.



Open rear sight



Post front sight

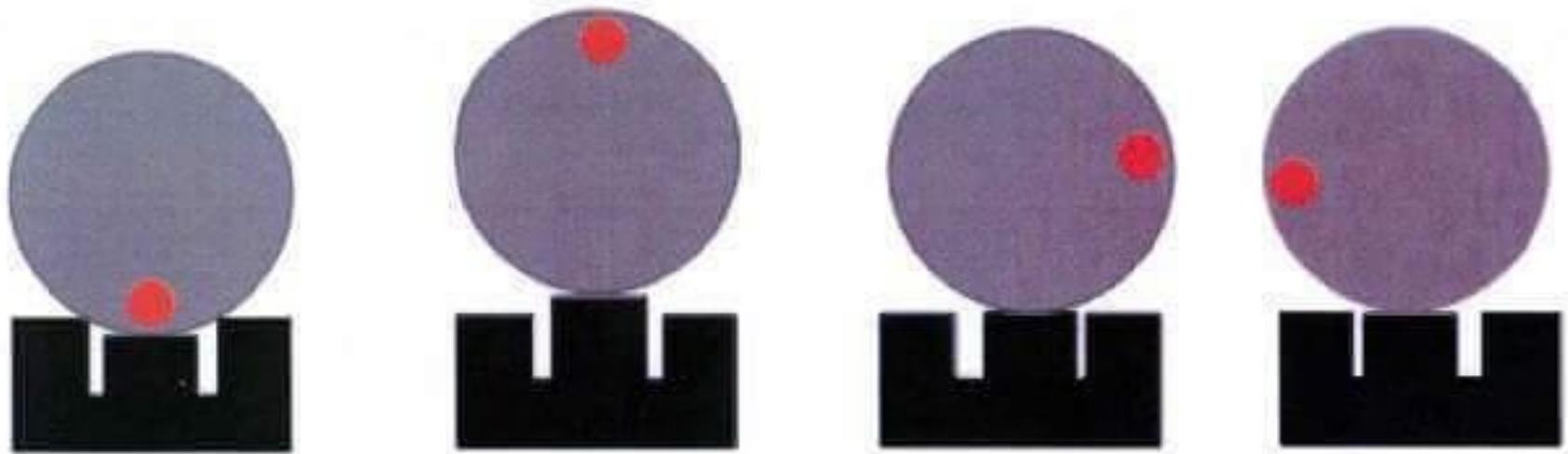


Proper alignment



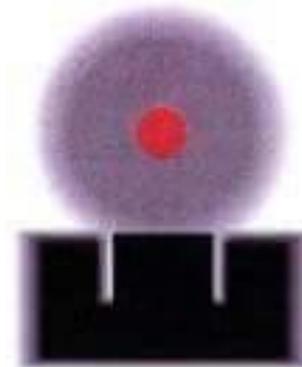
Proper sight picture

AIR PISTOL SIGHT ALIGNMENT



DISPLACEMENT OF THE BULLET WHEN THERE IS ANGULAR SHIFT ERROR IN THE ALIGNMENT OF THE FRONT SIGHT.

PROPER SIGHT ALIGNMENT AND SIGHT PICTURE →



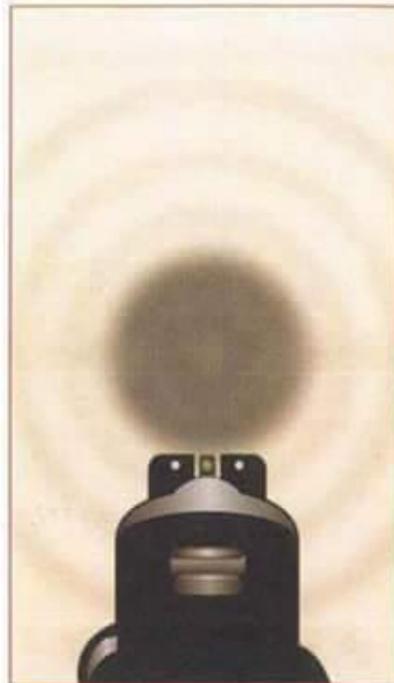
Focus in Aiming

United States Secret Service
James J. Rowley
Training Center



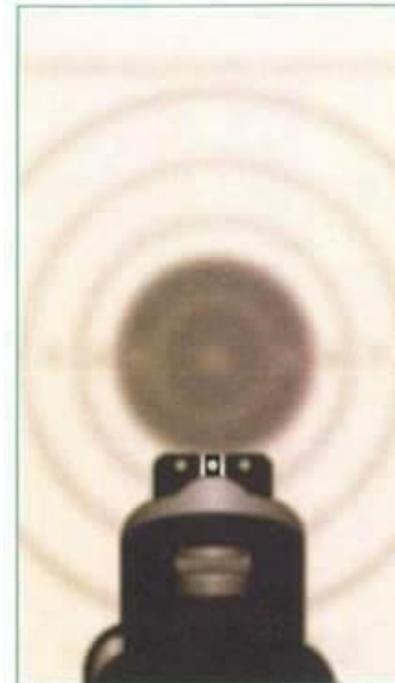
INCORRECT

Shooter Focused
on Target.



INCORRECT

Shooter Focused
on Rear Sight.

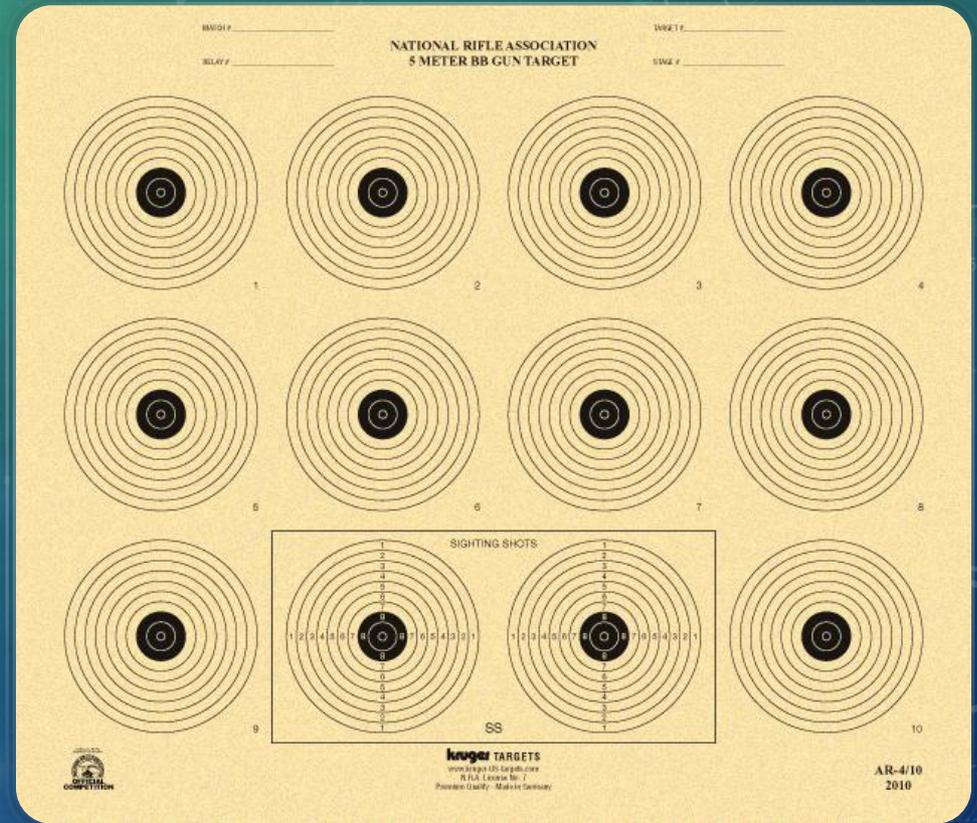


CORRECT

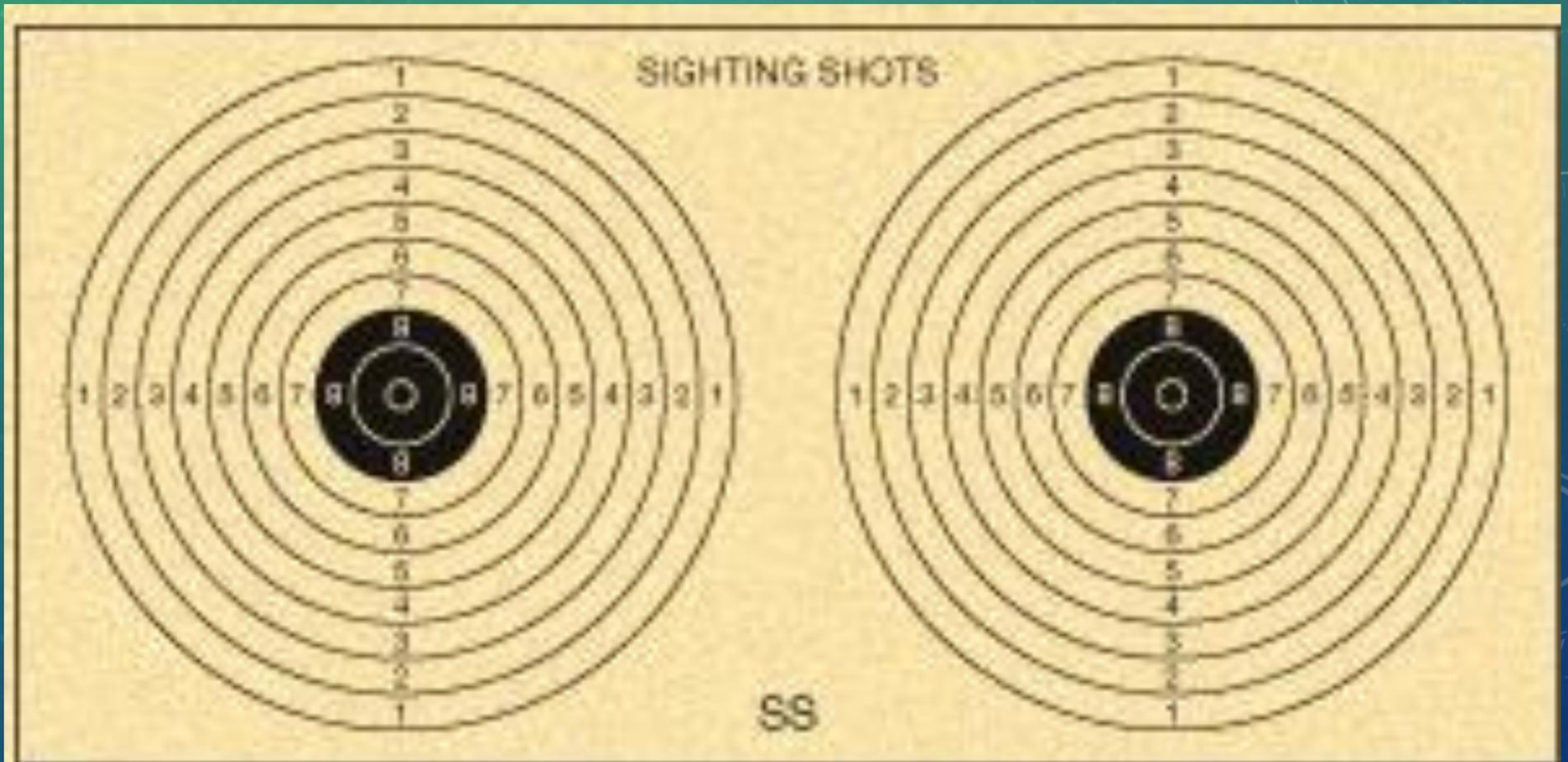
Shooter Focused
on Front Sight.



BB GUN TARGET



PRACTICE BULLS



TARGETS AND SCORING



TARGETS AND SCORING

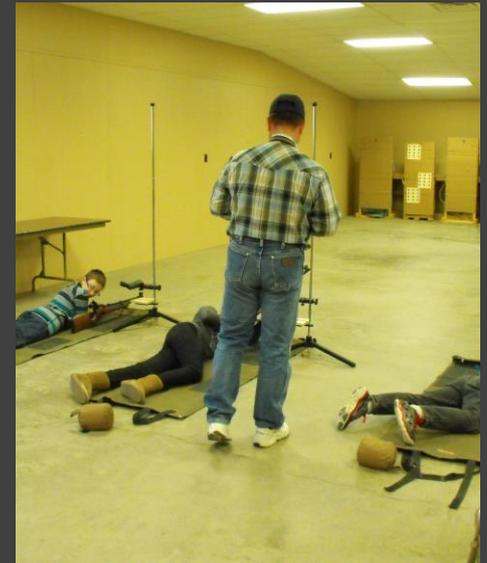
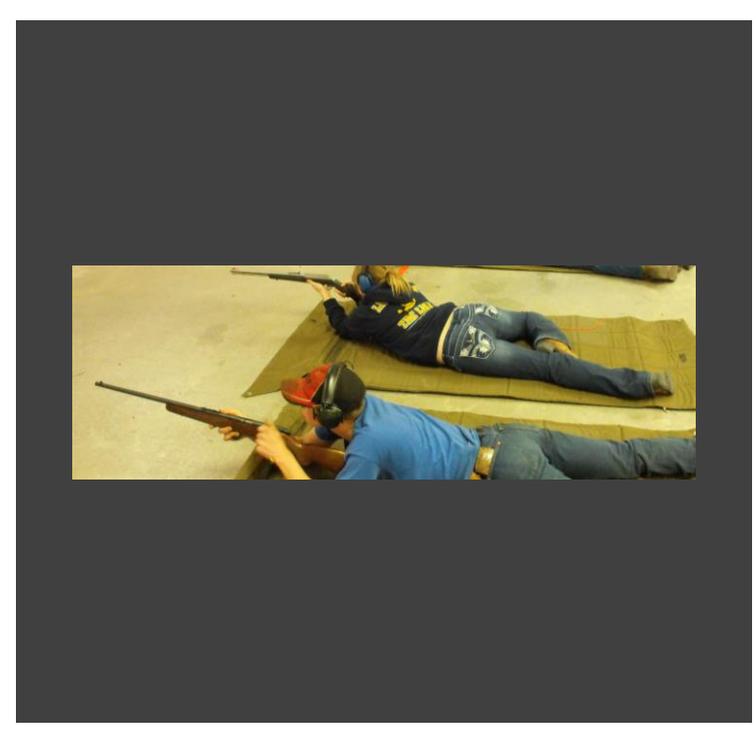
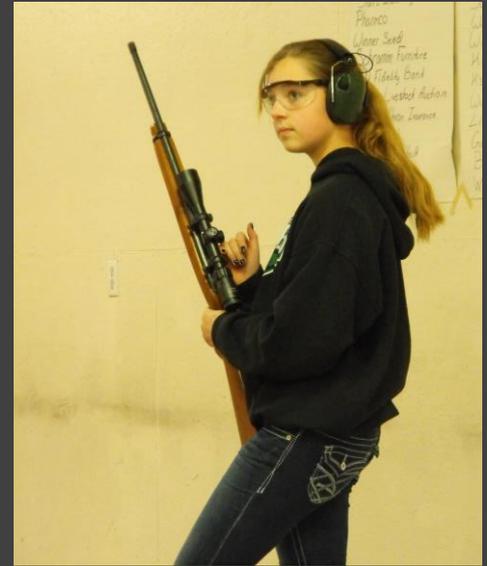


TARGETS AND SCORING



TARGETS AND SCORING





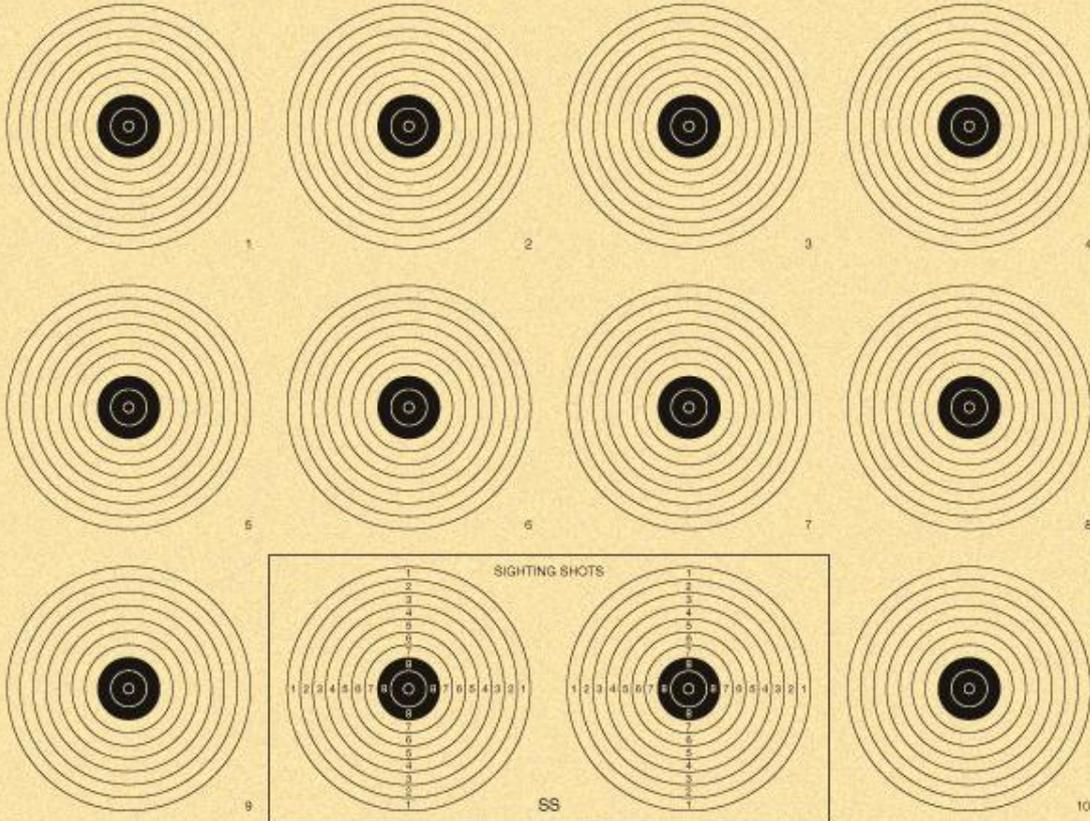




NAME # _____
RELAY # _____

TARGET # _____
SIDE # _____

NATIONAL RIFLE ASSOCIATION
5 METER BB GUN TARGET



HOW TO MOVE SIGHTS



huger TARGETS
www.huger-ids.com
P.O. Box 1, Elmer, NJ 7
Precision Quality - Made in Germany

AR-4/10
2010