

Name: _____

Date: _____

Using a Hand Lens

What is the best method for using a hand lens?

Materials

Hand lens

Color picture from newspaper

Leaf from Coleus or similar plant

Procedure

1. Examine the color picture by holding your hand lens very close to the picture and then move the lens away from the picture until you get the best view. Record your observations.
2. Put the hand lens very close to your eye. Move the picture in front of the lens until you get the best view. Record your observations.
3. Use the method in Step 1 to examine the bottom side of a leaf. Record your observations.
4. Use the method in Step 2 to examine the bottom side of a leaf. Record your observations.

Observations

Step 1.	Step 2.
Step 3.	Step 4.

Questions

1. Which method gives you the best view of the picture? Explain how it is better.
2. Which method gives you the best view of the leaf?
3. Does what you are looking at make any difference in where it is best to hold the lens? Explain.