

Use the words in the box below to answer the question. (4 pts)

experiment

forceps

hypothesis

investigation

1. A tool used to pick up and hold onto objects is called .
2. A study that a scientist does is called an .
3. A possible answer to a question is a .
4. A test done to find out if a hypothesis is correct or not is an .

**Read each sentence. Write the correct letter in the box provided. (3 pts)**

5. Which **inquiry skill** do you use when you identify how things are alike or different?

- a. Compare and contrast
- b. formulate models

- c. control variables
- d. predict

6. Which **inquiry skill** would most likely require you to use this tool?



- a. measure
- c. formulate models



- b. interpret data
- d. infer

7. Which skill comes first in the scientific method?

a. hypotheses

b. observe

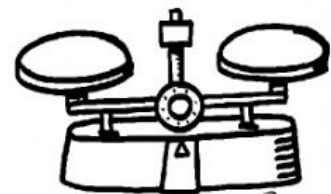
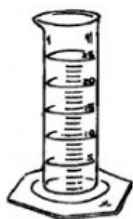
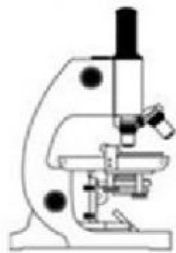
c. experiment

d. predict

8. You want to classify your container of buttons into different piles. What are **two** characteristics you could use to compare the buttons? (2pts)

9. Write the names of the following inquiry tools. (6pts)

hand lens	test tube	graduated cylinder	dropper
thermometer	pan balance	forceps	microscope



**Use the words in the box to complete the riddles by naming the type of scientists. (3pts)**

<b>meteorologist</b>	<b>zoologist</b>	<b>marine biologist</b>	<b>astronomer</b>
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10. I am a \_\_\_\_\_ . I study animals and plants in the ocean. Who am I?

11. I am a scientist who studies stars, moons, and galaxies. They call me an \_\_\_\_\_ .

12. I am a \_\_\_\_\_ who makes predictions about the weather.

13. I am a \_\_\_\_\_ . I study plants. Who am I?