

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

Worksheet #10

1) Choose any skull in the lab, write the common name, the scientific name, the dental formula, the occlusal pattern, and then describe the location of the maxilla, lacrimal bone, and parietal bone. \_\_\_\_\_ / 1

2) You're lying in bed when you hear an odd noise outside. You go to investigate and see a blur run along the side of your house. In the morning, you find a hole dug against the foundation of your house with claw marks and insect wings in the dust around the hole. Write the common name and species name of an animal that you might've seen if your house is in: \_\_\_\_\_ / 1

a) India –

b) Africa –

c) Texas –

What other details might you look for to determine the species you saw?

3) List 4 types of data that you might collect when setting out game cameras for a research project: \_\_\_\_\_ / 1

4) We have skulls for 4 species of marsupials available in lab. Write the common name, species name, and the biogeographical range for each of those species. \_\_\_\_\_ / 1

5) Provide definitions for each of the following: \_\_\_\_\_ / 1

a) continuous focal sampling –

b) instantaneous focal sampling –

c) instantaneous scan sampling –

6) Laurasiatheria is composed of 6 primary clades. Choose one species from each of these clades and write its common and scientific names, describe its pelage, explain how you could differentiate its skull from other closely related species, and describe a research technique or management strategy relevant to the species. \_\_\_\_\_ / 2

a) Eulipotyphla –

b) Chiroptera –

c) Artiodactyla –

d) Perissodactyla –

e) Pholidota –

f) Carnivora –

7) What are the three types of antennae used for radio telemetry? How does the size of those antennae and the power of the receiver they are attached to affect the range of those antennae? \_\_\_\_\_ / 1

8) Write the common and scientific name for 5 species of rodents that dig dens and cache food in them. \_\_\_\_\_ / 1

9) Draw a rat from a dorsal perspective. On your rat, label the location of the acromiotrapezius, biceps femoris, external oblique, gastrocnemius, spinotrapezius, and triceps brachii. \_\_\_\_\_ / 1