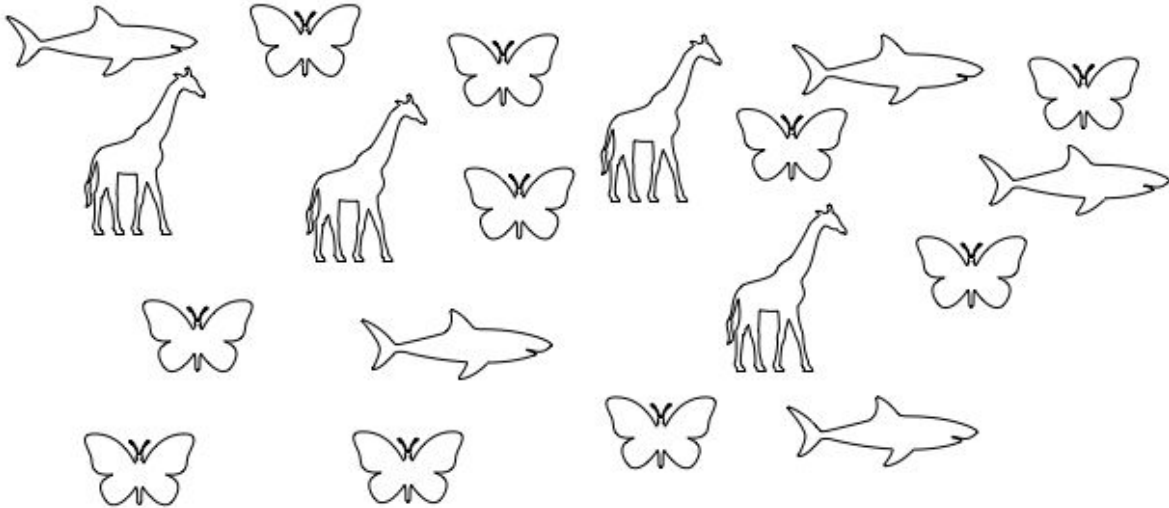


## Introduction to Ratios

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

1. Use the collection of images below to answer the following questions.



- What is the ratio of butterflies to giraffes? Is this a part-to-part ratio or a part-to-whole ratio?
- What is the ratio of sharks to all the animals? Is this a part-to-part or a part-to-whole ratio?
- What is the ratio of giraffes to sharks? Is this a part-to-part or a part-to-whole ratio?
- What is the ratio of butterflies to sharks to giraffes?
- Write the part-to-whole ratio as a fraction and as a percent.

2. a) Draw a diagram for the ratio 7:3.

b) What is a real-life example that this ratio could represent? (Create your own).

3. For each of the situations below write a part-to-part and part-to-whole ratio.

a) Thomas has 5 fish and 2 cats.

b) Alex decorates a cake for her birthday party and puts two types of decorations on it: chocolate chips and smarties. She puts 24 decorations on in total and 14 of them are smarties.

c) Michelle buys a dozen donuts for her friends. Five of them are chocolate and seven of them are vanilla with sprinkles.

