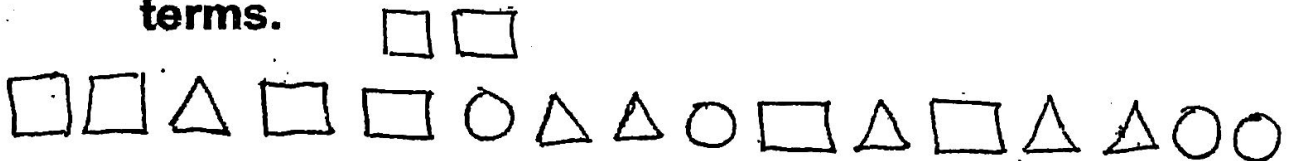# WHAT IS A RATIO?

Ratio – A comparison of two quantities, often written as a fraction

** Ratios can be written in three ways

Ex: 4 to 7; 4:7; $\frac{4}{7}$

Ex: Give each ratio in three ways and in lowest terms.
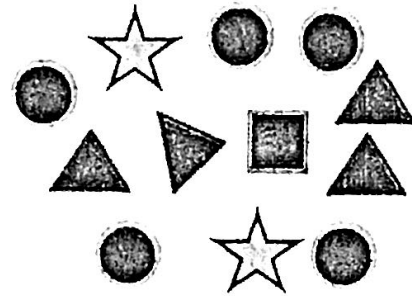
a) Triangles to Squares?

b) Squares to Circles?

c) Triangles to Shapes?

Name: _____

What is a Ratio?

For Exercises 1-4, use the shapes pictured.

1. What is the ratio of triangles to circles? _____

2. What is the ratio of triangles to stars? _____

3. Give the ratio of circles to squares. _____

4. What is the ratio of triangles to the whole group? _____

A box contains 6 green chips, 10 blue chips, and 7 white chips.
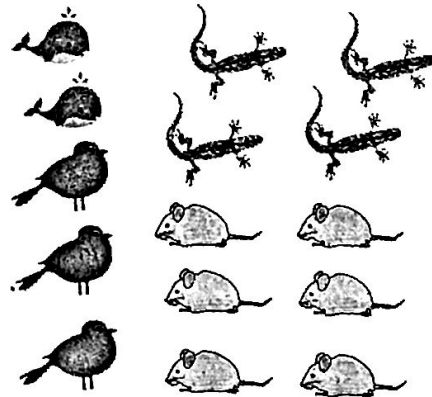
Give each ratio in three ways.

5. Green chips to blue chips

   _____

6. Blue chips to white chips

   _____

7. White chips to green chips

   _____

8. Green chips to white chips

   _____

For Exercises 9-11, refer to the animals pictured.

9. The ratio of which animal to the whole group is 4:15?

   _____

10. The ratio of which animal to the whole group is 1:5:

    _____

11. Which two animals are compared in the ratio of $\frac{4}{3}$?

    _____

12. Find the missing values in the ratio tables.

Taxis	6		36
Buses	5	15	

Burgers	3		9
Hot Dogs	5	10	

Towels	14	7	
Blankets	8		16

Forks	16	8	
Spoons	10		30