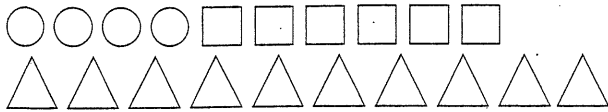




Quick Review

The picture shows 4 circles, 6 squares, and 10 triangles.



Here are some ways you can use ratios, fractions, and percents to compare the shapes.

► **Part-to-Whole Ratios**

The ratio of circles to all of the shapes is 4 to 20 or 4:20.

This part-to-whole ratio can be written as the fraction $\frac{4}{20}$ or $\frac{1}{5}$.

It can also be written as a percent. $\frac{4}{20} = \frac{20}{100} = 20\%$

20% of the shapes are circles.

► **Part-to-Part Ratios**

The ratio of circles to squares is 4 to 6 or 4:6. 4 and 6 are the terms of the ratio.

The ratio of circles to squares to triangles is 4 to 6 to 10 or 4:6:10.

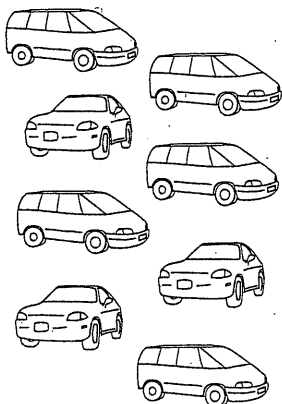
This is called a three-term ratio.

A part-to-part ratio cannot be written in fraction or percent form, as it is not comparing one part to the whole.

Practice

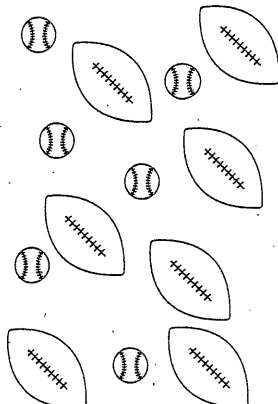
1. Write each ratio.

a) cars to vans



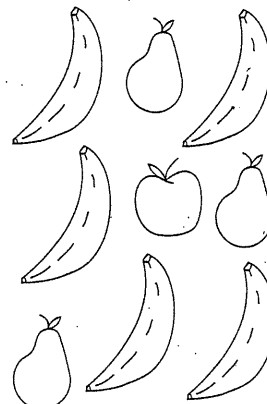
_____ : _____

b) footballs to baseballs



_____ : _____

c) bananas to fruit



_____ : _____