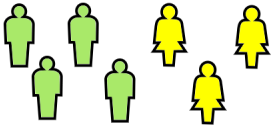
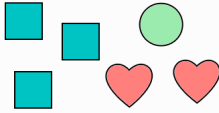


Ratios 1

1. Write the ratios.

	
<p>a. ratio of boys to girls</p> <p>b. ratio of boys to all</p> <p>c. ratio of girls to all</p>	<p>d. ratio of circles to squares</p> <p>e. ratio of squares to all</p> <p>f. ratio of squares to hearts to circles</p>

2. Look at the picture of the triangles and circles on the right. Assuming that the ratio of triangles to circles remains the same, answer the questions:

How many circles would there be

How many triangles would there be

a. for 9 triangles

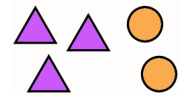
d. for 8 circles

b. for 15 triangles

e. for 20 circles

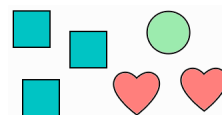
c. for 300 triangles

f. for 1,800 circles



3. Look at the picture of the squares, circles, and hearts. Assuming the ratio of squares to circles to hearts remains the same, fill in the blanks on the table below.

Squares	Circles	Hearts	All
3	1	2	6
			30
			72
			120



4. The ratio of green shirts to blue shirts is 3:5.

a. What is the ratio of green shirts to all shirts?

b. If there are 15 green shirts, how many blue shirts are there?

c. If there are 80 shirts in all, how many of them are green and how many blue?

5. In a school there are 768 students and 32 teachers. What is the ratio teachers : students ? Express it in lowest terms.

6. In special education, the teacher : student ratio is 1:13. How many teachers are needed for 1,700 special education students?