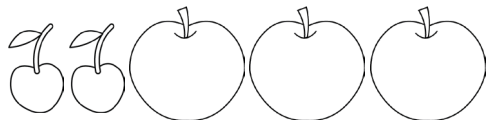


To understand the ratio symbol - Questions

1. Complete the sentences for each image.



- a. The ratio of cherries to apples is _____ : _____.

The ratio of apples to cherries is _____ : _____.



- b. The ratio of cherries to apples is _____ : _____.

The ratio of apples to cherries is _____ : _____.



- c. The ratio of cherries to apples is _____ : _____.

The ratio of apples to cherries is _____ : _____.



- d. The ratio of cherries to apples is _____ : _____.

The ratio of apples to cherries is _____ : _____.

- e. Explain what is similar and different about questions a and b.

2. Write the ratio of:



- a. The circles to triangles

- b. The squares to circles

- c. The triangles to squares

- d. The triangles to circles

- e. The circles to squares

- f. The squares to triangles

To understand the ratio symbol - Questions

- 3.** Draw images to represent these ratios.
- a.** The ratio of circles to squares is 1 : 2.
 - b.** The ratio of red squares to green squares is 4 : 3.
 - c.** The ratio of triangles to squares is 3 : 7.
 - d.** The ratio is 3 : 5.
 - e.** The ratio is 7 : 2.

To understand the ratio symbol - Answers

Question No.	Question	Answer
1	a. The ratio of cherries to apples is ? : ?. The ratio of apples to cherries is ? : ?. b. The ratio of cherries to apples is ? : ?. The ratio of apples to cherries is ? : ?. c. The ratio of cherries to apples is ? : ?. The ratio of apples to cherries is ? : ?. d. The ratio of cherries to apples is ? : ?. The ratio of apples to cherries is ? : ?. e. Explain what is similar and different about questions a and b.	a. The ratio of cherries to apples is 2 : 3. The ratio of apples to cherries is 3 : 2. b. The ratio of cherries to apples is 3 : 2. The ratio of apples to cherries is 2 : 3. c. The ratio of cherries to apples is 2 : 5. The ratio of apples to cherries is 5 : 2. d. The ratio of cherries to apples is 5 : 2. The ratio of apples to cherries is 2 : 5. e. Answers will vary. Pupils should identify that the numbers are the same but the order of the ratio determines how many cherries or apples there are.
2	a. The circles to triangles b. The squares to circles c. The triangles to squares d. The triangles to circles e. The circles to squares f. The squares to triangles	a. 2 : 4 (or 1 : 2) b. 3 : 2 c. 4 : 3 d. 4 : 2 (or 2 : 1) e. 2 : 3 f. 3 : 4
3	Draw images to represent these ratios. a. The ratio of circles to squares is 1 : 2. b. The ratio of red squares to green squares is 4 : 3. c. The ratio of triangles to squares is 3 : 7. d. The ratio is 3 : 5. e. The ratio is 7 : 2.	a. 1 circle for every 2 squares. b. 4 red squares for every 3 green squares. c. 3 triangles for every 7 squares. d. Any 3 images for any 5 images. e. Any 7 images for any 2 images.