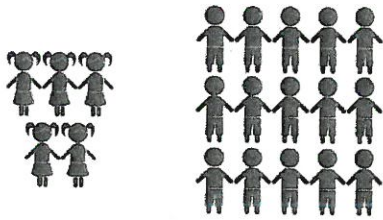


Ratios Test Review

Outcome: N6.8 Demonstrate understanding of a ratio concretely, pictorially, and symbolically.

1. Write a ratio to show the numbers of:

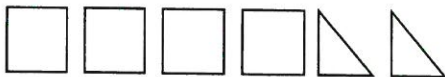


Level
1

a) girls to boys 5:15

b) boys to girls 15:5

2. Write the square to triangle ratio two ways.



4:2 4:6

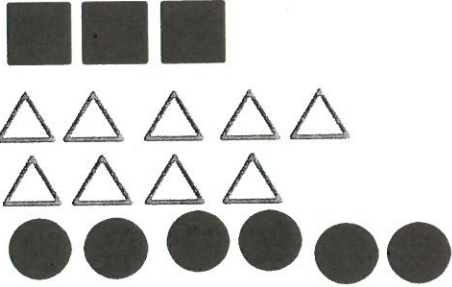
3. Write 4 ratios for the picture in both **numbers and words** (ex: 10 to 4, not 10:4).



10 to 4
4 to 10

10 to 4
4 to 4

4. Write a ratio to show the numbers of:



Level
2

- a) triangles to squares 9:3
- b) squares to circles 3:6
- c) triangles to all shapes 9:18
- d) circles to all shapes 6:18
- e) squares to all shapes 3:18
- g) black (both shades) shapes to white shapes 9:9

5. draw a photo to represent these ratios:

- a) 2:5 ++ ---
- b) 1:4 • □ □ □

6. Write 5 ratios for Kyle's famous banana pancake recipe. Explain what each ratio compares.

Banana Pancake Recipe

- 2 cups of flour
- 2 eggs
- 1 cup of milk
- 1 cup of bananas

ratio	comparison
2:2	2 flour to 2 eggs
2:1	eggs to milk
1:6	bananas to all ingredients
1:2	bananas + flour
1:1	milk to bananas

Level
3

Name: _____

7. Draw shapes to show each ratio.

ratio	shapes
4:7	
3/8	

8. The table shows the number of bands to make a rainbow loom necklace. Trinity wants to make a new smaller version for her younger cousin, using the same ratio of pink and yellow beads.

Level
4

Color	Number
Pink	70
Yellow	50

*to simplify the ratio I can divide each by 10

a) How many different necklaces could Trinity make? 9

*Find out how many equivalent ratios you can make, using smaller terms. Determine all the combinations, even if they would result in a very small necklace!

Show work here.

$70 \div 10 = 7$
 $50 \div 10 = 5$

# of necklaces	Pink	Yellow
1	7	5
2	14	10
3	21	15
4	28	20
5	35	25
6	42	30
7	49	35
8	56	40
9	63	45
10	70	50

