

Name: _____

Ratios

1. When Natasha was a baby, her grandmother made a quilt for her crib. It used 25 squares of fabric in shades of purple and 20 squares of fabric in shades of yellow. Write the ratios. Simplify where possible.
 - a. purple squares to yellow squares _____
 - b. yellow squares to purple squares _____
 - c. purple squares to total squares _____
2. Micah counted the makeup of his spoonful of mixed vegetables. It contained 4 green peas, 4 kernels of yellow corn, 3 orange carrot cubes, and 2 slices of green beans. Write the ratios. Simplify where possible.
 - a. green beans to carrots _____
 - b. corn to peas _____
 - c. green food to orange food _____



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4. Ms. Ingram's students took a poll of their birth seasons. Use the data in the table to write the ratios and answer the question. Simplify where possible.

- a. summer births to winter births _____
- b. spring births to fall births _____
- c. summer births to other seasons' births _____
- d. How does the ratio 10:29 describe the data?

birth season	number of students
spring	5
summer	8
fall	10
winter	6

ANSWER KEY

Ratios

1. When Natasha was a baby, her grandmother made a quilt for her crib. It used 25 squares of fabric in shades of purple and 20 squares of fabric in shades of yellow. Write the ratios. Simplify where possible.

a. purple squares to yellow squares 5:4

b. yellow squares to purple squares 4:5

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- d. How does the ratio 10:29 describe the data?

winter

6

It's the ratio of fall births to the total number of births.