

Write Ratios from Tables

INTRODUCTION

Common Core Standard 6.RP.1

1. Twelve markers are in each box. Use this ratio to complete each column in the table.

Markers						
Boxes	1	10	5	6	16	17

2. For each column in the table, what can you do to each number in the bottom row to get each number in the top row?
3. What can you do to each number in the top row to get each number in the bottom row?

4. Use the information in the table to write a ratio of markers to boxes using "a to b" notation.

12 markers to 5 boxes

5. Use the information in the table to write a ratio of boxes to markers using "a:b" notation.

5 : 60

6. Use the information in the table to write a ratio of markers to boxes using " $\frac{a}{b}$ " notation.

$\frac{12}{5}$

BUILDING FLUENCY

1. Fifteen pencils are in each box. Use this ratio to complete each column in the table.

Pencils						
Boxes	1	2	4	8	12	24

2. For each column in the table, what can you do to each number in the bottom row to get each number in the top row?
3. What can you do to each number in the top row to get each number in the bottom row?
4. Use the information in the table to write a ratio of boxes to pencils using "a to b" notation.

1 box to 15 pencils

5. Use the information in the table to write a ratio of pencils to boxes using "a:b" notation.

180 : 12

6. Use the information in the table to write a ratio of pencils to boxes using " $\frac{a}{b}$ " notation.

$\frac{15}{1}$

7. Twenty-four crayons are in 2 boxes. Use this ratio to complete each column in the table.

Crayons	24	12	120	60	180	168
Boxes						

8. For each column in the table, what can you do to each number in the bottom row to get each number in the top row?
9. What can you do to each number in the top row to get each number in the bottom row?
10. Use the information in the table to write a ratio of boxes to crayons using "a to b" notation.

2 boxes to 24 crayons

11. Use the information in the table to write a ratio of crayons to boxes using "a:b" notation.

120 : 5

12. Use the information in the table to write a ratio of crayons to boxes using " $\frac{a}{b}$ " notation.

$\frac{180}{2}$