



# Ratio and Rate

## Word Problem

# TASK CARDS

1.

The ratio of boys to girls in history class is 4 to 5. How many girls are in the class if there are 12 boys in the class?

2.

A factory produces 6 motorcycles in 3 hours. Find how many hours it takes to produce 16 motorcycles at the same rate.

5.

Sara can type 90 words in 4 minutes. About how many words would you expect her to type in 10 minutes at this rate?

6.

The Lakewood Wildcats won 5 of their first 7 games this year. There are 28 games in the season. About how many games would you expect the Wildcats to win this season?

7.

Two slices of Dan's Famous Pizza have 230 calories. How many Calories would you expect to be in 5 slices of the same pizza?

John paid \$12 for 4 baseball card packs. How many baseball card packs can he purchase for \$21?

# Thank you for your purchase!

I hope you and your students love these ratio and rate task cards, and I hope they make your life a little bit easier while still allowing your students to engage in meaningful content. The cards give you freedom to practice ratio and rate problems in a variety of ways and are completely aligned to Common Core Standards.

**PRINT, LAMINATE, CUT,  
and you're ready to go!**

## **Suggested Uses:**

### **Around the Room Carousel**

Place cards around the room and students complete one task at a time in pairs/groups. Students begin at one question and complete the remaining questions in numerical order.

### **Centers**

Place cards in a bin in a center. Students randomly pick a card to complete and record their answer on the recording sheet.

If you need assistance or find something in need of a little correcting, please contact me at

[Samantha.spieler@rgsa.com](mailto:Samantha.spieler@rgsa.com).

1.

The ratio of boys to girls in history class is 4 to 5. How many girls are in the class if there are 12 boys in the class?

2.

A factory produces 6 motorcycles in 9 hours. Find how many hours it takes to produce 16 motorcycles at this rate.

3.

Alejandro read 4 pages in a book in 6 minutes. How long would you expect him to take to read 6 pages at this rate?

4.

A recipe that will make 3 pies calls for 7 cups of flour. Find how many pies can be made with 28 cups of flour.

5.

Sara can type 90 words in 4 minutes.  
About how many words would you expect  
her to type in 10 minutes at this rate?

6.

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first 7 games this year. There are 28  
games in the season. About how many  
games would you expect the Wildcats  
to win this season?

7.

Two slices of Dan's Famous Pizza have 230 Calories. How many Calories would you expect to be in 5 slices of the same pizza?

8.

Grant paid \$12 for 4 baseball card packs. How many baseball card packs can he purchase for \$21?

9.

On a test, Matilda answered 12 out of the first 15 problems correctly. If this rate continues, how many of the next 25 problems will she answer correctly?

10.

On her pogo stick, Lula made 24 hops in 30 seconds. At this rate, how many hops will she make in 50 seconds?

11.

Leonardo recorded his speed while skateboarding and determined he was traveling 18 feet per second. How many feet could he travel in one minute?

12.

While hiking, Mr. Finds burns 808 Calories in 8 hours. At this rate, how many Calories does he burn in 60 minutes?



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# Recording Sheets

Name(s): \_\_\_\_\_

## Ratio and Rate Problems

- |          |           |
|----------|-----------|
| 1. _____ | 7. _____  |
| 2. _____ | 8. _____  |
| 3. _____ | 9. _____  |
| 4. _____ | 10. _____ |
| 5. _____ | 11. _____ |
| 6. _____ | 12. _____ |

Name(s): \_\_\_\_\_

## Ratio and Rate Problems

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|----------|-----------|
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| 4. _____ | 10. _____ |
| 5. _____ | 11. _____ |
| 6. _____ | 12. _____ |

# Answer Key

Name(s): \_\_\_\_\_

## Ratio and Rate Problems

- |               |                 |
|---------------|-----------------|
| 1. <b>15</b>  | 7. <b>575</b>   |
| 2. <b>24</b>  | 8. <b>7</b>     |
| 3. <b>9</b>   | 9. <b>20</b>    |
| 4. <b>12</b>  | 10. <b>40</b>   |
| 5. <b>225</b> | 11. <b>1080</b> |
| 6. <b>20</b>  | 12. <b>101</b>  |

Name(s): \_\_\_\_\_

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- |          |           |
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