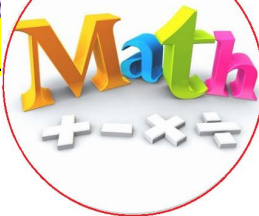


Name: \_\_\_\_\_

Section: \_\_\_\_\_



**WRITE YOUR NAME  
OR NO GRADE!!!**

### Homework

This week we will be finishing multiplication and begin with division.

**Homework is due on MONDAY FEBRUARY 12**

**TEST: TUESDAY FEBRUARY 13**

### Reminders

Please remember that homework is just a reinforcement of what we do in class. When a scholar completes homework, they are retaining the information. A scholar who does not complete the homework is more likely to forget what was learned in class.

### Notes

- Homework is graded for completion. **However, students must show their work.** Students will lose 50% of the points if they turn in homework showing no work, even if the answers are present.
- **I will not accept homework more than four days late.** If the homework is **due on Monday**, the last day to turn it in will be **Friday**. Late homework will have points deducted. Homework will be graded as follows:
  - o On time and complete/work shown: 100%
  - o One day late: deduct 11 %
  - o Two days late: deduct 21 %
  - o Three days late: deduct 31%
  - o Four days late: deduct 41%
  - o Five days or more late: Z

Please feel free to contact me with any questions or concerns at [natalie.roman@archimedean.org](mailto:natalie.roman@archimedean.org).

|                          |                  |            |   |
|--------------------------|------------------|------------|---|
| <input type="checkbox"/> | <u>Monday</u>    | February 5 | Multiply Fraction by a Whole Number   |
| <input type="checkbox"/> | <u>Tuesday</u>   | February 6 | Part of the Groups  |
| <input type="checkbox"/> | <u>Wednesday</u> | February 7 | Multiply Mixed Numbers by Whole Numbers   |
| <input type="checkbox"/> | <u>Thursday</u>  | February 8 | IXL: W.9 Multiply fractions and mixed numbers by whole numbers in recipes                                     |
| <input type="checkbox"/> | <u>Friday</u>    | February 9 | IXL: W.12 Fractions of a number: word problems<br>V.6 Multiply unit fractions by whole numbers: word problems |

# Multiply a Fraction by a Whole Number Using Models

You can use a model to multiply a fraction by a whole number.

Find the product of  $4 \times \frac{3}{5}$ .

Use fraction strips. Show 4 groups of  $\frac{3}{5}$  each.



1 group of  $\frac{3}{5} = \frac{3}{5}$



2 groups of  $\frac{3}{5} = \frac{6}{5}$



3 groups of  $\frac{3}{5} = \frac{9}{5}$

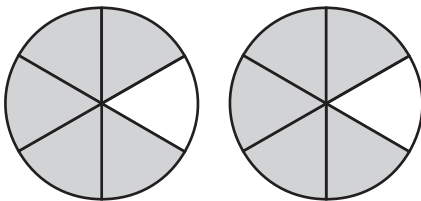


4 groups of  $\frac{3}{5} = \frac{12}{5}$

So,  $4 \times \frac{3}{5} = \frac{12}{5}$ .

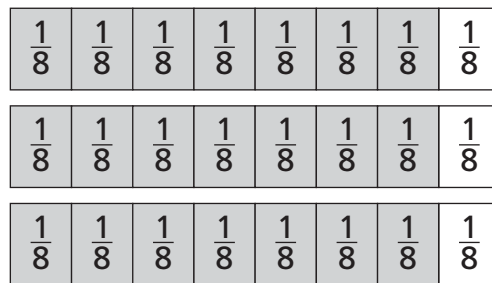
**Multiply.**

**1**



$$2 \times \frac{5}{6} = \underline{\hspace{2cm}}$$

**2**



$$3 \times \frac{7}{8} = \underline{\hspace{2cm}}$$

**3**  $6 \times \frac{2}{3} = \underline{\hspace{2cm}}$

**4**  $2 \times \frac{9}{10} = \underline{\hspace{2cm}}$

**5**  $5 \times \frac{3}{4} = \underline{\hspace{2cm}}$

**6**  $4 \times \frac{5}{8} = \underline{\hspace{2cm}}$

**7**  $7 \times \frac{2}{5} = \underline{\hspace{2cm}}$

**8**  $8 \times \frac{4}{6} = \underline{\hspace{2cm}}$

## Part of the Group

Evan and his friends go to a theme park. Each friend buys 24 tickets. Read each problem. Draw counters, then solve.

- 1** Evan uses  $\frac{1}{3}$  of his tickets to ride the Loop-D-Loop twice. What is  $\frac{1}{3}$  of 24 tickets?
- \_\_\_\_\_

- 2** Omar uses  $\frac{1}{6}$  of his tickets to ride the water slide twice. What is  $\frac{1}{6}$  of 24 tickets?
- \_\_\_\_\_

- 3** Kate uses  $\frac{2}{3}$  of her tickets to ride the roller coaster four times. What is  $\frac{2}{3}$  of 24 tickets?
- \_\_\_\_\_

- 4** Jenny uses  $\frac{3}{4}$  of her tickets to play nine games. What is  $\frac{3}{4}$  of 24 tickets?
- \_\_\_\_\_

## Multiplying Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Use the distributive property to find the product.

1.  $2 \times 2\frac{5}{8} =$

2.  $1\frac{1}{2} \times 2 =$

3.  $2 \times 3\frac{1}{2} =$

4.  $3\frac{3}{4} \times 5 =$

5.  $6 \times 3\frac{5}{6} =$