

Name \_\_\_\_\_ Date \_\_\_\_\_

KITCHEN MATH • 4TH GRADE MATH

# Double the Cookies!

Multiply each amount by 2. Write your answer as a whole number or a mixed number.



## Harvest Moon Oatmeal Cookies

One batch makes 12 cookies. We need 24 for movie night!

| Ingredient       | 1 batch              | Double batch ( $\times 2$ ) |
|------------------|----------------------|-----------------------------|
| butter, softened | $\frac{1}{2}$ cup    | _____                       |
| brown sugar      | $\frac{1}{3}$ cup    | _____                       |
| white sugar      | $\frac{1}{4}$ cup    | _____                       |
| egg              | 1 egg                | _____                       |
| vanilla          | $\frac{1}{2}$ tsp    | _____                       |
| flour            | $\frac{3}{4}$ cup    | _____                       |
| baking soda      | $\frac{1}{2}$ tsp    | _____                       |
| salt             | $\frac{1}{4}$ tsp    | _____                       |
| oats             | $1 \frac{1}{2}$ cups | _____                       |
| raisins          | $\frac{2}{3}$ cup    | _____                       |

**Kitchen trick:** multiply the top number, keep the bottom number.

$\frac{3}{4} \times 2 = \frac{6}{4}$ . Four fourths make 1 whole, so  $\frac{6}{4} = 1 \frac{2}{4} = 1 \frac{1}{2}$  cups.



Name \_\_\_\_\_ Date \_\_\_\_\_

KITCHEN MATH • 4TH GRADE MATH

# Triple It for the Bat Party!

Your class is having a Bat Week party. Make 3 batches. Multiply by 3.

| Ingredient       | 1 batch              | Triple batch ( $\times 3$ ) |
|------------------|----------------------|-----------------------------|
| butter, softened | $\frac{1}{2}$ cup    | _____                       |
| brown sugar      | $\frac{1}{3}$ cup    | _____                       |
| flour            | $\frac{3}{4}$ cup    | _____                       |
| oats             | $1 \frac{1}{2}$ cups | _____                       |
| raisins          | $\frac{2}{3}$ cup    | _____                       |

## Cookie word problems

1. Each batch needs  $\frac{2}{3}$  cup of raisins. How many cups of raisins do 4 batches need?

Answer: \_\_\_\_\_ cups

2. Each batch needs  $\frac{1}{4}$  teaspoon of salt. How much salt do 5 batches need?

Answer: \_\_\_\_\_ teaspoons

3. Each batch needs  $1 \frac{1}{2}$  cups of oats. How many cups of oats do 3 batches need?

Answer: \_\_\_\_\_ cups

4. Each batch makes 12 cookies. How many cookies do 3 batches make?

Answer: \_\_\_\_\_ cookies

# Double the Cookies! + Triple It

## Double batch ( $\times 2$ )

**butter, softened:**  $1/2 \times 2 = 1 = 1$  cup

**brown sugar:**  $1/3 \times 2 = 2/3 = 2/3$  cup

**white sugar:**  $1/4 \times 2 = 1/2 = 1/2$  cup

**egg:**  $1 \times 2 = 2 = 2$  eggs

**vanilla:**  $1/2 \times 2 = 1 = 1$  tsp

**flour:**  $3/4 \times 2 = 3/2 = 1 \frac{1}{2}$  cups

**baking soda:**  $1/2 \times 2 = 1 = 1$  tsp

**salt:**  $1/4 \times 2 = 1/2 = 1/2$  tsp

**oats:**  $1 \frac{1}{2} \times 2 = 3 = 3$  cups

**raisins:**  $2/3 \times 2 = 4/3 = 1 \frac{1}{3}$  cups

## Triple batch ( $\times 3$ )

**butter, softened:**  $1/2 \times 3 = 3/2 = 1 \frac{1}{2}$  cups

**brown sugar:**  $1/3 \times 3 = 1 = 1$  cup

**flour:**  $3/4 \times 3 = 9/4 = 2 \frac{1}{4}$  cups

**oats:**  $1 \frac{1}{2} \times 3 = 9/2 = 4 \frac{1}{2}$  cups

**raisins:**  $2/3 \times 3 = 2 = 2$  cups

## Word problems

1.  $2/3 \times 4 = 8/3 = 2 \frac{2}{3}$  cups

2.  $1/4 \times 5 = 5/4 = 1 \frac{1}{4}$  teaspoons

3.  $1 \frac{1}{2} \times 3 = 3/2 \times 3 = 9/2 = 4 \frac{1}{2}$  cups

4.  $12 \times 3 = 36$  cookies

*Equivalent answers count too ( $2/4$  cup =  $1/2$  cup).*





## MORE FROM HOMESCHOOL SAFARI



### Safari Station

Interactive reading and math practice for K-6, built by certified teachers.



### Lion's Library

Printables, games and mini books for PreK-6, sorted by grade and skill.



### Private lessons

One-on-one reading, math and Spanish lessons online with a certified teacher.

**Explore more at [homeschoolsafari.com](https://homeschoolsafari.com)**



# Terms of Use



THE  
**HOMESCHOOL  
SAFARI**

All digital and printable resources from Homeschool Safari® are owned by Homeschool Safari® and are protected by copyright laws.

## PLEASE READ CAREFULLY.

By purchasing, downloading, or using any resource from Homeschool Safari®, you agree to the following Terms of Use.



### 1. LICENSE TO USE

When you purchase or download a resource from Homeschool Safari®, you are granted a non-transferable, revocable license to download, print, and use the materials solely for personal or educational purposes. You may use the resources within your homeschool, classroom, co-op, or educational program.



### 2. PERMITTED USE

You may:

- Use the resources with your own children/students.
- Make copies for your own children/students.
- Share the resources with students in your own classroom, co-op, or educational program.
- Reference the resources in blog posts, social media, or presentations with proper credit to Homeschool Safari® and a link to our website.



### 3. PROHIBITED USE

You may not:

- Share, upload, or distribute the resources to others who have not purchased or obtained them legally.
- Post the resources on any public website, file-sharing site, or cloud storage.
- Copy, modify, alter, or claim the resources as your own.
- Sell, resell, lease, or sublicense the resources (in printed or digital form).
- Remove copyright, watermark, or branding from the resources.
- Use the resources for commercial purposes, including resale or as part of another product or service.



### 4. COPYRIGHT

All content provided by Homeschool Safari® (including printables, lessons, graphics, text, videos, and digital products) is copyrighted. All rights are reserved. This license does not transfer ownership of the materials to you.



### 5. MODIFICATIONS

You may not modify, edit, or create derivative works based on our resources for the purpose of sharing, selling, or distributing without written permission from Homeschool Safari®.



### 6. DIGITAL SECURITY

You may not attempt to bypass, break, or circumvent any security measures on our website or digital products. Violating these terms may result in termination of access and/or legal action.



### 7. DISCLAIMER

Our resources are provided for educational and informational purposes only. Homeschool Safari® is not responsible for how the materials are used or for any outcomes resulting from their use.



### 8. CHANGES TO TERMS

We reserve the right to update these Terms of Use at any time. Updates will be posted on this page with the revised date. Continued use of our resources constitutes acceptance of the updated terms.



### 9. VIOLATIONS

Failure to follow these terms may result in immediate revocation of your license to use our resources and may subject you to legal action.



### 10. CONTACT

If you have any questions about these Terms of Use, please contact us at:  
[info@homeschoolsafari.com](mailto:info@homeschoolsafari.com)

#### BRANDS & COLLABORATIONS



#### CONNECT WITH US



[homeschoolsafari.com](http://homeschoolsafari.com)

#### QUESTIONS?

We're here to help!  
Email us anytime at  
[info@homeschoolsafari.com](mailto:info@homeschoolsafari.com)

Thank you for respecting our work and supporting our mission to help families learn, grow, and thrive together.

