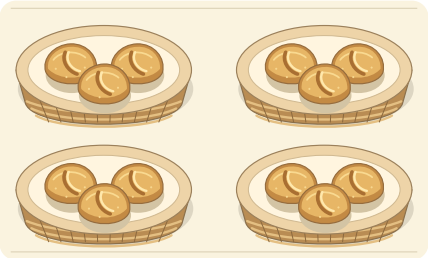
M CALCULATED
MATHEMATICS

HAMSTER LESSON
#0000017

Share into equal groups.

Divide twelve rolls among four baskets.



12 rolls. 4 baskets. 3 in each.

TRY IT TODAY

Share 12 counters equally among four groups.

SCHOOL ALIVE
schoolalive.com/lesson

Authentic HAMSTER Education®

Ignite Your Passion®
Made Alive in Christ

1. ❓ How many rolls go in each basket when twelve are shared equally among four baskets?
2. 🙋 Put the same number in every basket and use all twelve rolls. Each basket receives three: 12 ÷ 4 = 3.
3. ⏳ The division sign ÷ appeared in Johann Rahn’s algebra book in 1659. Mathematical symbols help us record an operation, but a picture or a story explains what its numbers mean.
4. 💡 Place one roll in each of four baskets. Repeat until all twelve are used. Count three rolls in every basket, then check: 4 × 3 = 12.
5. 🔍 In this sharing problem, we know the total and the number of groups. Division finds the size of each group; multiplication combines the equal groups to recover the total.
6. 🌎 Equal sharing helps us distribute classroom supplies or plan portions. Counting carefully makes our plan clear; real people may also have different needs that call for thoughtful care.
7. 🎯 Draw four circles and share twelve counters among them, one per circle each round. Label 12 ÷ 4 = 3. Then rearrange the same counters into three equal groups and explain what changed.

References · reSolve: Equal groups and shares · Khan Academy: Division as equal groups · University of St Andrews: History of mathematical symbols
Twemoji © Twitter, Inc. and contributors · CC BY 4.0

School Alive
Authentic HAMSTER Education®
Ignite Your Passion® · Made Alive in Christ
schoolalive.com/lesson/0000017/