

Third Grade Unit 5- Fractions and Multiplication Strategies

In this unit students will:

- Understand, identify, and represent unit fractions as 1 part when a whole is divided into b equal parts.
- Understand, identify, and represent non-unit fractions as the quantity formed by a parts of size $1/b$.
- Understand that equivalent fractions are the same size.
- Interpret multiplication in terms of equal groups.
- Interpret multiplication in terms of equal groups.
- Multiply within 100 fluently
- Determine the unknown in multiplication and division equations.
- Understand division as an unknown-factor problem.
- Divide within 100 fluently.
- Know all square products of 1-digit numbers automatically.
- Model number stories involving multiplication and division.

Ideas for Home:

- Help your child find fractions in the everyday world, in advertisements, on measuring tools, in recipes, and so on.
- Discuss ways to cut a rectangular cake, a circular pizza, or similar food to feed various numbers of people so that each person gets an equal portion. Tip: draw pictures if you do not have the actual food item.
- Continue to practice multiplication facts by playing games such as Multiplication Draw and Salute! and by working with Fact Triangles.
- Provide your child with problems that have missing factors for division and multiplication practice. Example: 3 groups of how many cookies would equal 18 pennies?

Please note: The activities above are not homework. They are suggestions for supporting learning at home. Please consult with your child's teacher for homework and specific suggestions related to your child's needs.

Websites:

- 1) <http://www.sheppardsoftware.com/math.htm>
- 2) <http://www.education.com/games/third-grade/>
- 3) <https://www.turtlediary.com/games/third-grade.html>
- 4) <https://cainc.i-ready.com>



