

Third Grade Unit 7- Fractions

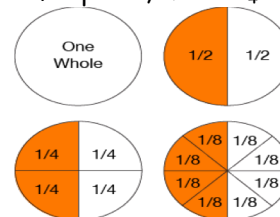
In this unit students will:

- Measure and estimate liquid volumes using liters and other units.
- Solve number stories involving mass and stories involving volume.
- Understand, identify, and represent unit fractions as 1 part when a whole is divided into b equal parts.
- Partition shapes into parts with equal areas then express the area of each part as a unit fraction of the whole.
- Represent unit fractions and non-unit fractions on a number.
- Express whole numbers as fractions.
- Recognize fractions that are equivalent to whole numbers.
- Compare fractions with the same numerator or the same denominator.
- Record fraction comparisons using $>$, $=$, or $<$.
- Understand that equivalent fractions are the same size.
- Recognize and generate simple equivalent fractions.
- Interpret division in terms of equal shares or equal groups.
- Represent fractions by sharing collections of objects into equal shares.

Ideas for Home:

Help your child find fractions in the everyday world, such as in advertisements, on measuring tools, in recipes, and so on.

- Provide 1-liter and $\frac{1}{2}$ liter bottles for your child to use as liquid-volume benchmarks. Your child can pour water into various containers to help estimate their volumes.
- Compare two fractions and tell which is larger. For example: Which would give you more of a pizza, $\frac{1}{8}$ or $\frac{1}{4}$?



- Pose different fraction stories to solve. Encourage your child to use real objects to act out the stories and justify his or her answers. For example: $\frac{3}{4}$ of the pillows are red. What fraction of the pillows are not red? Or $\frac{4}{8}$ of the dogs have spots. What fraction of the dogs do not have spots?

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.) <https://www.ixl.com/math/grade-3>
- 3) <https://www.turtlediary.com/games/third-grade.html>
- 4) <https://cainc.i-ready.com>

