

Third Grade Unit 9- Multi-digit Operations

In this unit students will:

- Multiply within 100 fluently.
- Multiply 1-digit numbers by multiples of 10.
- Solve 1-step number stories involving mass.
- Apply properties of operations to multiply or divide.
- Use area models to represent the distributive property.
- Interpret division in terms of equal shares or equal groups.
- Measure time intervals in minutes.
- Solve number stories involving time intervals by adding or subtracting.

Ideas for Home:

- Continue to work toward automaticity with all multiplication facts using Fact Triangles or by playing games such as Product Pile-Up, Multiplication Top-It, and Salute!
 - Product Pile-Up : Players are dealt eight number cards. They take turns selecting two cards and multiplying the numbers to generate a product that is greater than the product of the last two cards played. The winner is the first player to run out of cards or the player with the fewest cards when there are no more cards to draw.
- Practice using basic facts to solve extended multiplication and division facts, such as using $4 \times 7 = 28$ to solve $4 \times 70 = 280$, or $18 \div 3 = 6$ to solve $180 \div 3 = 60$.
- Calculate how long daily activities take
For example: Mike arrives at soccer practice at 9:45 A.M. and leaves at 1:00 P.M. How many hours and minutes is he at practice? Your doctor's appointment is at 2:15 P.M. It takes 20 minutes to drive to the doctor's office. If we leave at 1:45 P.M., will we arrive on time?

Websites:

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



