

**Title:** Soccer Math- Estimating

**Purpose:** Students must be able to estimate solutions of whole numbers using the operations of addition, subtraction, multiplication, or division.

**Grade Level/TEKS Reference:** Grades 3-5

**TEKS:** 5.3 Number and operations. The student applies [mathematical process standards](#) to develop and use strategies and methods for positive [rational number](#) computations in order to solve problems with efficiency and accuracy. The student is expected to:

(A) estimate to determine solutions to mathematical and real-world problems involving addition, subtraction, multiplication, or division

**Length of time necessary for game or activity:** 15-30 minutes

**Number of Participants:** This activity can be played independently or in groups competitively.

**Source for Game or Activity:** <https://www.abcya.com/games/estimating>

**Procedure:** Each player (student) will go to the website and select the game called Soccer Math- Estimating on abcya.com. Next, the player will select an operation in which they wish to play their game with. The options are addition, subtraction, multiplication, and division. Once your operation is selected the player will be able to pick a character to play with. After the character is selected the game will start. Depending on the operation that you chose to play with, you will have to solve the problem while estimating as well. Once you get five questions correct you will be prompted to take part in a soccer game. The player will continue to earn points throughout the game in order to win.

**Adapted by:** Cody Reyes (2022)