



Target Dividend: Mastering Basic Division Facts Program

Do you have students that need to master their basic division facts? We have outlined a simple-to-use program using creative hands-on games through Learning Link videos to increase accuracy and speed for dividends up to 10. The goal of Learning Link by Connected Class is to create partnerships between the classroom and home environment. You can use the videos in the classroom and then send them home to families for additional practice with our easy-to-use platform. This program allows you to differentiate based on need and focus on specific dividends to increase math fluency.

The Target Dividend Program comes with all the forms, quizzes, answer sheets, and parent communication you need to be successful. (All resources are linked below in the Materials Provided section.) It is fast and easy for the busy educator to use and generally takes only 10 minutes a week of instructional time. It begins by giving students a pre-assessment inventory to determine the dividend each student needs to focus on first. You will determine the path each student will take and track their progress using the Mastering Dividends Inventory Record Sheet. Every Monday the students will take a one-minute quiz (Form A) based on their individual needs and track their own progress. They will have a week to master that factor by playing the Target Dividend Learning Link game at home with their family for at least five minutes a night. The parents will initial each week the amount of time their child played. On Friday, students will take the one-minute quiz (Form B) and track their performance. If they pass, then the following week they will focus on the next target dividend. Once students have mastered dividends up to 10, they will take the post-assessment inventory and compare it to their pre-assessment. If they have obtained accuracy with these facts, the Target Divisor Program can be started. Students will earn a certificate once they master all their basic division facts. This program's length will vary in weeks needed based on individual student performance. This program can be embedded in your daily math block or center time. If you have accelerated students, challenge them with additional [Learning Link](#) videos at their academic level.

Below we mapped out the details of the program along with links to all the resources you will need.

Materials Provided

- [Target Dividend 2-10 Pre-Assessment Inventory](#) (PDF)
- [Target Dividend 2-10 Post-Assessment Inventory](#) (PDF)
- [Mastering Target Dividend Inventory Record Sheet](#) (PDF)
- [Target Dividend Division Facts Class Tracking Form](#) (Excel)
- [My Target Dividend Facts Progress Page](#) (PDF)
- [Target Dividend Division Fact Quizzes](#) (PDF)
- [Target Dividend Parent Letter](#) (Word)
- [Target Dividend At-Home Practice Sheet](#) (PDF)
- [Target Dividend Mastery Certificate](#) (PDF)

How to use the program:

Getting Started

1. Give students the [Target Dividend 2-10 Pre-Assessment Inventory](#).
2. Give each student as much time as they need to complete the test and record their time and score on the [Mastering Target Dividend Inventory Record Sheet](#).

Placing Students Based on Need

1. Determine the dividend each student needs to begin with:
 - a. For example, Student A got all the ones through fives correct, but you noticed they started getting division facts incorrect when they reached the sixes. That student would need to begin their individual mastery program with the sixes.
 - b. For example, Student B mastered all the facts within the time you determined to be successful for your grade level. They are ready for a more challenging concept in your curriculum. Check out the Target Divisor Program to help them master all their division facts.
2. Once you have determined each student's placement:
 - a. Give the dividend quiz for the identified level to see how many they get correct in one minute. [Target Dividend Division Fact Quizzes](#)
 - b. Have the student record the number of correct problems on the [My Target Dividend Facts Progress Page](#).
 - c. Record your students' performance on the [Target Dividend Division Facts Class Tracking Form](#).
 - d. The first week you will send home the [Target Dividend Parent Letter](#) that explains the program and asks parents to play the Target Dividend Learning Link game with their child. You will also send home the [Target Dividend At-](#)

[Home Practice Sheet](#) for recording the time spent playing each evening. Parents will return the form with their signature each Friday.

- e. Ideally, students will play Target Dividend for at least 5 minutes at home each night.
- f. On Friday give students the posttest for their identified dividend. The [quizzes](#) are provided for you in the Teacher Resource section of Learning Link on Connected Class. If students pass, the following week, they will work on the next target dividend. If they do not pass, they will repeat the same target dividend again.
- g. Identify the target dividend for the following week and list it on each student's [Target Dividend At-Home Practice Sheet](#).
- h. The ace will be used as a one for this game. Each target dividend has specific cards that must be used from the deck. You can combine decks to have more cards to use or just go through the pile multiple times. Here is the chart explaining which cards to use for each round:

| Target Dividend | Use these cards from the deck |
|-----------------|-------------------------------|
| 2 | Ace, 2 |
| 3 | Ace, 3 |
| 4 | Ace, 2, 4 |
| 5 | Ace, 5 |
| 6 | Ace, 2, 3, 6 |
| 7 | Ace, 7 |
| 8 | Ace, 2, 4, 8 |
| 9 | Ace, 3, 9 |
| 10 | Ace, 2, 5, 10 |

- i. Repeat this process with each student until they master all the division facts up to 10.
- j. Once they have mastered all the facts, have them take the [Target Dividend 2-10 Post-Assessment Inventory](#) to evaluate their speed. If they master accuracy and speed, then award them with the [Target Dividend Mastery Certificate](#).

Program Extension

Once a student completes the Target Dividend program, they can move on to the [Target Divisor Program](#). This program covers divisors from 1-12 and goes up to the problem 144 divided by 12.