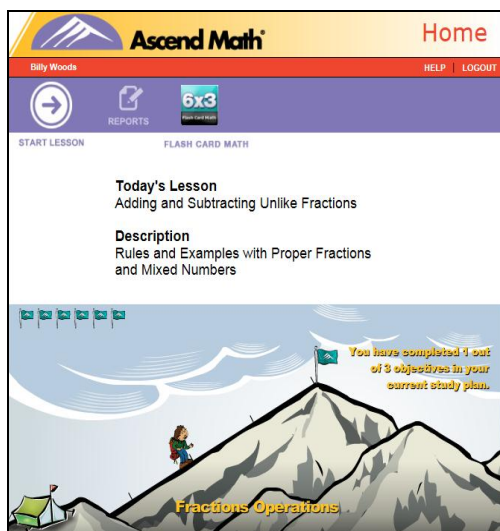
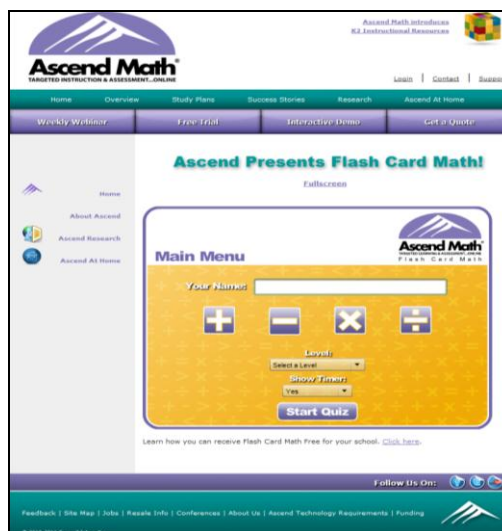


The Flash Card Math application reinforces basic addition, subtraction, multiplication, and division facts for students with skill gaps. The application gives students access to hundreds of practice problems that students can work through at their own pace. Students can use the feature at school, at home, or anywhere they have access to the internet. The feature is available on the Ascend Math home website at

[www.ascendmath.com/flashMath.html](http://www.ascendmath.com/flashMath.html) and it is available to student users on the Student Home Page.

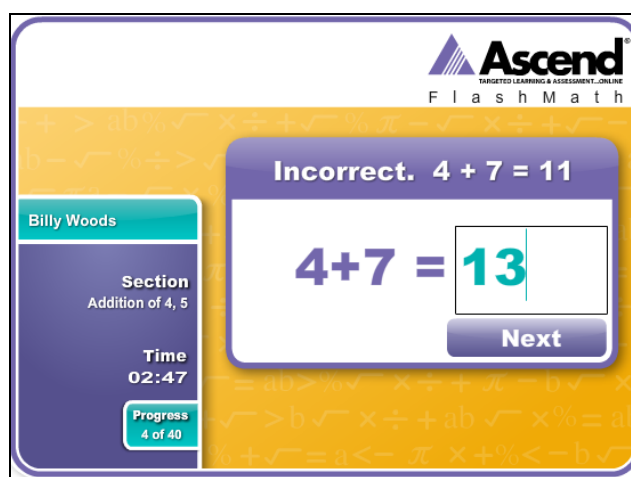
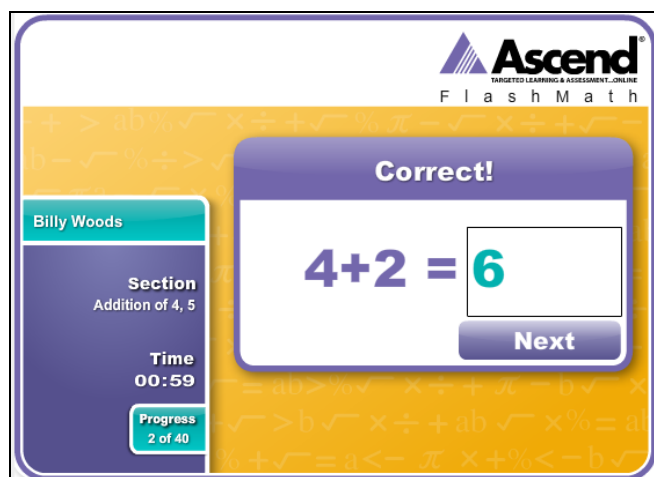


For those using Flash Card Math on the Ascend Math Student Home Page



For those using Flash Card Math from the Ascend Math Home Website

Students are immediately directed to the application by clicking on the Flash Card Math icon. Students can choose their operator, level, number of problems, and timer options prior to beginning the quiz. It is recommended that younger students avoid using the timer, at least until they are comfortable advancing through levels. During the quiz, students enter their answer to the problem and click Submit. After clicking Submit, students are notified immediately if their response is correct. If the response is incorrect, students receive the correct answer.





## Flash Card Math Teacher's Guide

At the completion of the quiz, students are directed to a summary of the problems received and accuracy during the quiz, as well as their total test time. Students have an option to print the results by clicking Print. Teachers who incorporate the Flash Card Math quiz results into their grading plan can require the students to turn in the printed summary once the quiz is complete. Using Flash Card Math at home offers the potential for parent involvement. Have students show their results to parents upon completing each practice session. After a student masters a level it is wise to have him/her go back at a later time and review. Reviewing material already learned aids automaticity by moving the new knowledge from short term memory to long term memory.

**Main Menu**

**Ascend**  
Flash Math

**Name**  
Billy Woods

**Section**  
Addition of 4, 5

$6 + 4 = 10$	$4 + 2 = 6$	$1 + 4 = 5$
$4 + 7 = 13$	$3 + 5 = 8$	$5 + 8 = 13$
$7 + 5 = 12$	$5 + 3 = 8$	$2 + 4 = 6$
$4 + 9 = 13$	$5 + 5 = 10$	$8 + 4 = 12$
$6 + 5 = 11$	$5 + 4 = 9$	$2 + 5 = 7$

**Test Time**  
08:10

**Print**

**Accuracy**  
39 out of 40

### Recommended Ways to Implement:

**Summer School Implementation:** Flash Card Math is an excellent addition to any summer school math program. We recommend frequent practice sessions of no longer than 15 minutes.

**Jump Start the New Year:** Use Flash Card Math with all students during the first few weeks of class to get them jump started for the year. Just ten minutes of appropriate level practice twice a week for the first few weeks can help students be better prepared for the start of the year.

**High States Test Preparation:** Using Flash Card Math periodically throughout the year can help prepare students for high stakes testing.

**As Part of an Intervention Program:** Students exhibiting math skill gaps often lack math fact fluency. Developing automaticity of math facts can help. However, for students that are 2, 3 or more grade levels behind an intensive math intervention solution like Ascend Math is highly recommended.

### Recommended Frequency of Use:

We recommend that Flash Card Math is used in short, frequent sittings of 5 to 15 minutes, 3 or more sessions per week. Students should set a goal of improving their time with each session until they can complete 40 problems in 2 minutes. Longer times can be chosen for younger students or those that need more time.