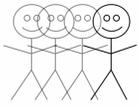
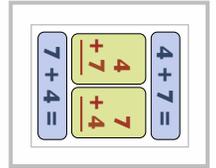


The Math Facts Mad Dash: A relay race with math facts.



Distance from starting line to answer table: 10 feet.



Players begin at the starting line, run to the table, answer a question, run back to the starting line, and repeat.

Why a relay race?

A relay race adds fun and exercise, while releasing endorphins, and sending blood and oxygen to the brain. The dash makes it easy to set a goal children can strive to reach.

Parents role

Parents can watch children do the dash once a week. They can do the dash with their children once a week. Doing the dash takes just minutes, and is highly motivating. When children know their parents are paying attention, they practice more, and with more effort.



The Math Facts Mad Dash is like preparing for the big game.

This is a way to motivate children to practice. It's a measurement, like a scale. Children practice all week, just like athletes preparing for the big game.

Suggested Goals

For ten facts, 100% correct in under 60 seconds.

For all 28 facts, 100% correct in under three minutes.

It's about beat the clock, not beat your opponent.

You can have friendly competition, like mom and son, vs father and daughter.

If both teams reach their goals, both teams are winners.



Getting started.

- 1) Measure ten feet. Use tape or chalk to mark the starting line.
- 2) Place flashcards or tablet/phone on a table or desk.
- 3) Say "Go" and start the timer.
- 4) Stop the timer after the final answer.

Flashcards or FastFacts Math.

If you use flashcards, use a timer. If you use FastFacts Math, you do not need a timer, and you can set a time limit per answer, which reduces counting. Learn more about FastFacts Math on the following page.

FastFacts Math: A patient tutor, and a way to measure progress.

Problems with timed tests.

Children answer easy facts ($4 + 1$) quickly, then count to answer more difficult facts ($4 + 7$). They pass the test, and move on to another set of facts. They stop practicing facts they never learned!

With FastFacts you can set a time limit per fact. This eliminates counting. When children know they need to learn every fact, they practice more.

With traditional timed tests, children do not get the results for hours or days. With FastFacts, children find out if their answers are correct immediately.

A time for timed testing.

When children are learning facts, there is no need for a time limit. Use the time limit for testing.

Focus on the facts that matter most.

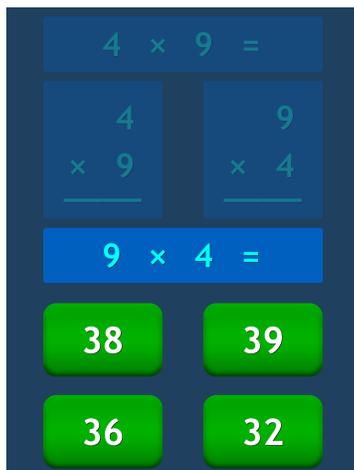
Time spent practicing 2×4 is time that could be used practicing 6×7 . With FastFacts, you can choose individual facts.

Turn down time into practice time.

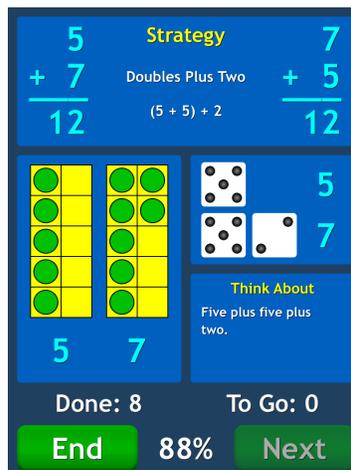
When parents get behind the wheel, they can give their phone to their children. Children can practice. Mom or dad can focus on driving.

Measurable goals are motivating.

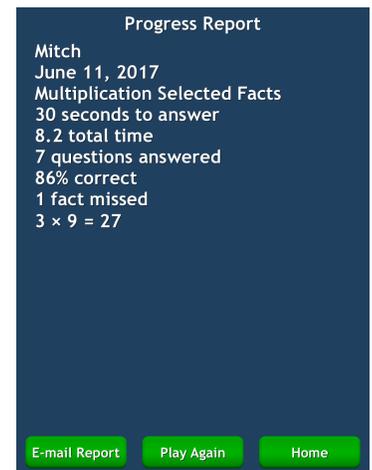
Teachers and parents can say to children: *Your challenge is to answer this set of facts correctly, with a three-second time limit.* When children know exactly what is expected, they practice more, and with more effort.



Children learn two facts as part of a fact family. This also reduces the number of facts to learn.



The back of the card is a mini-lesson.



Children can view, print and e-mail a detailed progress report after each session.

The back of the card is a mini-lesson.

When children miss a fact, they can look at the strategies and graphics on the back of the card. This leads to understanding, which leads to retention. Children can recall the facts quickly, and are better able to focus on more complex concepts.

Teachers use FastFacts as an assessment tool.

Teachers view progress reports in place of collecting and correctly timed tests.

The Math Facts Mad Dash as part of P.E.

Relay races give children a chance to work together as a team, while working on automaticity.

Very cool feature for iPhones and iPads.

Presently, FastFacts is better on IOS. The interface is more attractive, and the app keeps track of every answer for 100 users. Students can see which facts they missed most, and select those fact for extra practice.

An upgrade for Android.

We will be upgrading FastFacts on Android. You can get it now, and upgrade for free.

The Math Fluency Free Resource Library.

We use the income from FastFacts Math to fund the library, and develop new tools and activities.