

# If parents watch their children answer math facts once a week for two minutes, will children learn their facts?

## It's easy to find out.

Simply send home the page for parents. See how parents and students respond.

My name is Mitchell Mark. I am a retired teacher. I have a post-graduate degree in Instructional Design.

I developed an app that helps children learn math facts, and helps parents stay aware and involved.

I am giving an app away free to prove it's possible.

## Old-fashioned AI: Parents Aware and Involved.

When children know their parents will watch them answer facts at the end of the week, they practice more, and with more effort. No rewards, no nagging needed. Parent attention is powerful.

## Add fun to practice. The Math Facts Mad Dash: A relay race with math facts.

Deliberate play brings math facts onto playgrounds and into homes.

Children love relay races. They have two ways to improve: 1) Get faster. 2) Learn facts better.

Being part of a team motivates children to practice, and to help their teammates.

No cost. No class time. No paperwork. Children practice at home and at recess.

Get the app and the guide for *The Math Facts Mad Dash* at [studysmart.com](http://studysmart.com).

You can contact me at [mitchell@studysmart.com](mailto:mitchell@studysmart.com).

## Advantages of the home assessment.

☆ No fail zone. The goal is not to get an A, it's to make progress. If children do not make progress, they practice more, and try again.

☆ Children get immediate feedback after every answer.

☆ Children do not have time to count and get the right answer.

☆ Parents support and encourage their children.



## Why is the app free?

The app sold for \$4.99 for over ten years. We are giving it away for free to demonstrate that home assessment works. Soon we will go back to charging for the app. If you get a free copy now, it's yours forever. You will never need to pay for upgrades.

# Show-You-Know Math Facts

## The App for Home Practice

### 1) Teachers and students can create practice lists with specific facts.

Create clear, attainable, measurable goals.

Teachers can create their own lists. Mix operations (+, -, x, ÷) in the same list.

Students can focus on a small set of facts. They can create personal review lists.



### 2) Multiple Choice or Exact Answer.

Multiple choice reduces anxiety by giving children a chance to recognize the answer when they see it.

Once they know the facts well, they can switch to Exact Answer.

### 3) A time limit per fact helps students break the counting habit, and learn to trust their brains.

On paper and pencil tests, children can answer easy facts quickly, and count to answer difficult facts.

They pass tests without learning the facts.

They don't prepare because they can pass tests without studying.



### 4) In Practice Mode, if students miss a fact, they see it again, later in the session.

A session is complete when children get the correct answer to every fact.

### 5) The Back of the Card provides a mini lesson.

When children miss, they can view graphics and strategies to help them learn the fact.

*A time limit is like having a coach.*

### 6) Smart Review

When students learn a fact well, they add it to their personal review list.

When their list gets large, it's not practical to answer every fact, every day.

Students can choose to answer a random set of the facts.

For example, their review list has 80 facts. They choose to answer 10.

The app selects 10 random facts from the list of 80.

Each day they answer 10 random facts. In just seconds a day, they discover any facts they've forgotten.



### 7) STATS

The app keeps track of every answer over time. It lists the facts missed most.

It's easy to select these facts, and practice them.

Students practice their eight most missed facts as part of their daily five-minute practice routine.



### 8) Progress Reports include total time, all missed facts, and how often they were missed.

Children can email their reports to parents or teachers.

# Do your children know basic math facts?

You may be surprised.

Children can get good grades and not know basic facts.

On tests, children can answer easy facts quickly, and count to answer difficult facts.

They pass tests without knowing facts. This leads to problems when math gets more complex.

Children fall behind. They learn to fear and dislike math.

## A Simple Solution: Old Fashioned AI: Parent Awareness and Involvement.

When parents are aware and involved, children do better.

There is an easy way to find out if your children know math facts. It takes less than two minutes.

There is an effective way for children to practice on their own, and learn these essential facts.

1) Get the app *Show-You-Know Math Facts*. It's free at [studysmart.com](http://studysmart.com).

2) Choose a list: *Add Comprehensive* for Grades 1-3) *Mult Comprehensive* for Grades 4 and higher.

Use the options in the box. If they miss a few, no problem.

If they miss more than a few, this is a problem you and your children can fix.

The Parents Guide shows ways to provide support and encouragement.

There is also a guide for children: *Master Math Facts in Five Minutes a Day*.

Print both at [studysmart.com](http://studysmart.com).

### Options

Speed Mode: On

Multiple Choice: On

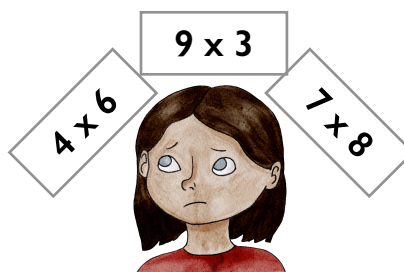
Time to Answer: 3\*

Practice Mode: Off

\* Prevents counting.

### Parents

If all you do is watch your children answer math facts once a week, for two minutes, they will make progress. Watch and see!



Children who know basic facts are free to enjoy math.

Name of child: \_\_\_\_\_

Parents: Please check the boxes and sign.

I watched my child answer math facts. ☐ Yes ☐ No

I am willing to watch my child answer math facts, once a week. ☐ Yes ☐ No

Parent Signature: \_\_\_\_\_