

# You CAN Learn Math Facts on Your Own!

Even if you have struggled to learn math facts in the past, there are reasons why you will succeed now. You are older and your brain is more developed. You have an app that makes learning easier.

**Get started. Get the app at [studysmart.com](http://studysmart.com).**

Enter your name. Create a list. Choose any eight facts.

Call the list *Focus*. Practice with the options to the right.

When you learn the facts well, add a few more.

See the second page for details.

## Options

Speed Mode: Off

Multiple Choice: On

Time to Answer: 3-4

Practice Mode: On

$$6 \times 8$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$8 \times 6$$

44

48

49

54

## Begin with Multiple Choice

Instead of looking at a blank, you have a choice. If you think you know the answer, tap it. If you don't guess. Guessing is better than counting.

When you learn the facts well, you can switch to Exact Answer.

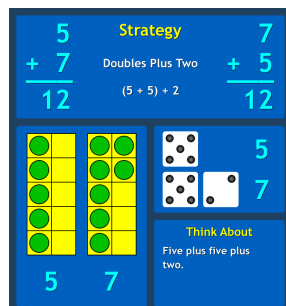
Incorrect answers are not mistakes.  
They are part of learning.

## Practice Mode

In Practice Mode, if you miss a fact, you will see it again. Get extra reps with the facts you need to practice most.

## Back of Card

If you miss, tap on *Back of Card*. Look at the graphics and strategies.



## How a time limit helps.

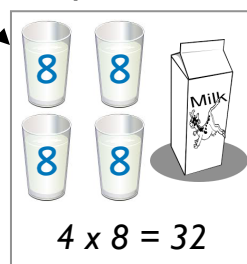
If you do not have enough time to count, you will stop counting, and learn to trust your mind. You may be surprised how often your first thought is spot on!

If you are not correct, tap *Back of Card* and review the strategies.

## How to learn a fact.

1) Gain understanding. Just memorizing is harder and not as useful. Get to know the facts. Print the flashcards at [studysmart.com](http://studysmart.com).

2) Keep practicing even when you know the facts. Learn every fact as well as you know  $2 + 2$ .



## Form a practice routine.

1) Attach your routine to something you already do every day. After dinner is a good time. Put dishes away and get started.

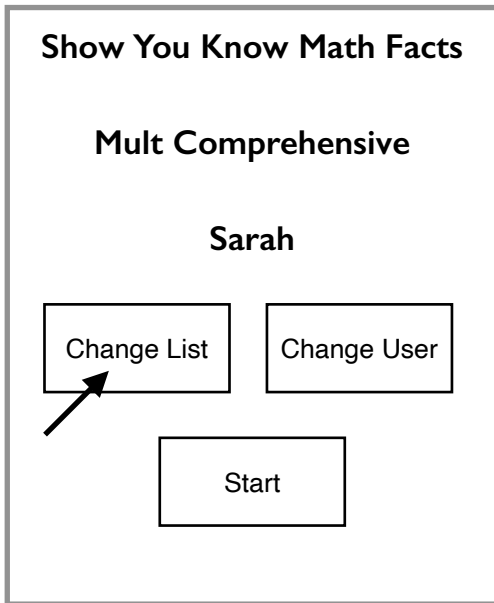
2) Set an alarm for an hour after dinner. If you forget to practice, the alarm will remind you.



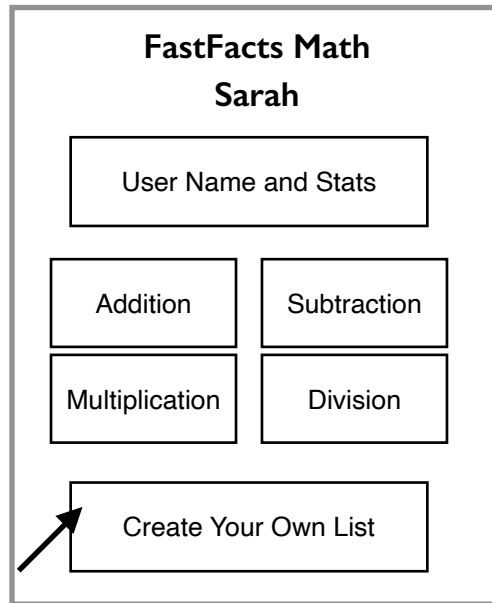
# Focus Facts

## Choose eight facts to practice.

Skip facts you know well, like  $2 \times 2$ . Focus on facts you kind of know, but need to practice more. Include one or two facts you do not know at all. Create a new list. Call it Focus. Tap on eight facts. Tap SAVE.



Android/Kindle



iPhone/iPad. IOS

List Name		
$2 \times 2$	$3 \times 2$	$4 \times 2$
$2 \times 3$	$3 \times 3$	$4 \times 3$
$2 \times 4$	$3 \times 4$	$4 \times 4$
$2 \times 5$	$3 \times 5$	$4 \times 5$
$2 \times 5$	$3 \times 6$	$4 \times 6$
$2 \times 6$	$3 \times 7$	$4 \times 7$

- Tap ADD • Name List
- Tap on Facts • Tap SAVE

## When you knew the first eight facts well, add more.

- Tap on your Focus list. • Tap on EDIT.
- Select two to four new facts. • Tap SAVE.

## Practice the facts you miss most.

- Select your name. • Tap STATS. • Choose  $+$ ,  $-$ ,  $\times$ ,  $\div$ .
- The facts you missed most are at the top.
- Tap on the first eight. • Tap *Study Selected Facts*.

## An excellent way to review.

When you have learned a set of facts, instead of answering every fact each time, select the Random feature in Options.

Choose the number of facts you want to practice. For example, let's say there are 80 facts in the list. You can choose ten. The app will choose ten random facts. If you review often, you will catch any facts you may have forgotten.

Multiplication Report		
$6 \times 7$	3 of 22	13%
$7 \times 8$	3 of 18	16%
$4 \times 8$	4 of 22	18%
$7 \times 9$	3 of 11	27%
$6 \times 9$	4 of 9	44%
$4 \times 6$	4 of 8	50%
$4 \times 9$	4 of 8	50%
$6 \times 8$	4 of 8	50%
$4 \times 7$	4 of 6	66%
$8 \times 9$	4 of 6	66%
$2 \times 2$	8 of 10	80%
$3 \times 8$	6 of 7	85%
$3 \times 9$	6 of 7	85%
$2 \times 6$	8 of 9	88%
$2 \times 7$	9 of 10	90%
$3 \times 3$	9 of 10	90%