



Elementary Mathematics — Fact Fluency

Practice Packet · Tables 0 through 12

★ THREE PRACTICE PASSES ON EVERY TABLE ★

Multiplication Facts Practice Packet

One page for every table from 0 to 12, each table written out three times across the page so the facts are practiced, repeated, and settled — followed by four mixed-review pages that draw from every table at once.

FOCUS	Multiplication facts, tables 0 through 12
PAGES OF PRACTICE	13 single-table pages + 4 mixed-review pages
PROBLEMS PER PAGE	39 (13 facts, worked three times across)
TOTAL PROBLEMS	663 practice problems
ANSWER KEY	Complete — behind the parent-teacher divider

◆ FAITH CONNECTION

"Whatsoever thy hand findeth to do, do it with thy might."

— Ecclesiastes 9:10



START HERE

How to Use This Packet

This packet does one thing and does it thoroughly: it builds instant recall of the multiplication facts. Each of the first thirteen pages holds a single table — the zeros, then the ones, all the way through the twelves. On each page that table is written out **three times**, in three columns across the page. The student works the first column, then the second, then the third.

The repetition is the point. The first pass is often slow and counted out. The second is faster. By the third, most students are recalling rather than computing — and that shift, from working it out to simply knowing it, is exactly what fact fluency means.

A suggested rhythm

One page a day works well for most students, but the packet does not insist on it. A page takes ten to fifteen minutes at first and considerably less once the table is known. If a page is a struggle, repeat that same table the next day rather than moving on — the tables build on one another, and a shaky sixes page makes for a much harder twelves page later.

After the thirteen table pages come **four mixed-review pages**. These pull from every table at once, in no predictable order, which is the real test of whether the facts are known. Save them until the table pages are finished, then spread them out — one a week makes a good check that the facts are staying put.

■ FOR THE PARENT-TEACHER

- Time the third column once the student is confident. A completed column in under a minute is a good fluency marker.
- Watch *how* the answer is reached, not just whether it is right. Counting on fingers means the fact is not yet known.
- The **PATTERN** bar at the top of each page names a real shortcut for that table. Read it aloud before starting.
- Wrong answers are information, not failure. Circle the missed facts and drill just those the next day.

■ COMMON CORE ALIGNMENT

Supports the Grade 3 expectation that students fluently multiply within 100 and know all products of two one-digit numbers from memory, and extends that fluency through the 11 and 12 tables in preparation for multi-digit multiplication in Grades 4 and 5.

Where things are. The student pages run first: thirteen table pages, four mixed-review pages, and a progress tracker to color in. After those comes a divider page, and everything behind it is for the parent-teacher — the complete answer key and a full reference grid. The Certificate of Completion is the very last page, to be awarded when the packet is finished.



TABLE 0

The Zero Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Any number times zero is zero. Every answer on this page is 0.**FIRST PASS**

$0 \times 0 = \underline{\hspace{2cm}}$

$0 \times 1 = \underline{\hspace{2cm}}$

$0 \times 2 = \underline{\hspace{2cm}}$

$0 \times 3 = \underline{\hspace{2cm}}$

$0 \times 4 = \underline{\hspace{2cm}}$

$0 \times 5 = \underline{\hspace{2cm}}$

$0 \times 6 = \underline{\hspace{2cm}}$

$0 \times 7 = \underline{\hspace{2cm}}$

$0 \times 8 = \underline{\hspace{2cm}}$

$0 \times 9 = \underline{\hspace{2cm}}$

$0 \times 10 = \underline{\hspace{2cm}}$

$0 \times 11 = \underline{\hspace{2cm}}$

$0 \times 12 = \underline{\hspace{2cm}}$

SECOND PASS

$0 \times 0 = \underline{\hspace{2cm}}$

$0 \times 1 = \underline{\hspace{2cm}}$

$0 \times 2 = \underline{\hspace{2cm}}$

$0 \times 3 = \underline{\hspace{2cm}}$

$0 \times 4 = \underline{\hspace{2cm}}$

$0 \times 5 = \underline{\hspace{2cm}}$

$0 \times 6 = \underline{\hspace{2cm}}$

$0 \times 7 = \underline{\hspace{2cm}}$

$0 \times 8 = \underline{\hspace{2cm}}$

$0 \times 9 = \underline{\hspace{2cm}}$

$0 \times 10 = \underline{\hspace{2cm}}$

$0 \times 11 = \underline{\hspace{2cm}}$

$0 \times 12 = \underline{\hspace{2cm}}$

THIRD PASS

$0 \times 0 = \underline{\hspace{2cm}}$

$0 \times 1 = \underline{\hspace{2cm}}$

$0 \times 2 = \underline{\hspace{2cm}}$

$0 \times 3 = \underline{\hspace{2cm}}$

$0 \times 4 = \underline{\hspace{2cm}}$

$0 \times 5 = \underline{\hspace{2cm}}$

$0 \times 6 = \underline{\hspace{2cm}}$

$0 \times 7 = \underline{\hspace{2cm}}$

$0 \times 8 = \underline{\hspace{2cm}}$

$0 \times 9 = \underline{\hspace{2cm}}$

$0 \times 10 = \underline{\hspace{2cm}}$

$0 \times 11 = \underline{\hspace{2cm}}$

$0 \times 12 = \underline{\hspace{2cm}}$



TABLE 1

The One Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Any number times one stays itself. The answer is always the number.

FIRST PASS	SECOND PASS	THIRD PASS
$1 \times 0 =$ _____	$1 \times 0 =$ _____	$1 \times 0 =$ _____
$1 \times 1 =$ _____	$1 \times 1 =$ _____	$1 \times 1 =$ _____
$1 \times 2 =$ _____	$1 \times 2 =$ _____	$1 \times 2 =$ _____
$1 \times 3 =$ _____	$1 \times 3 =$ _____	$1 \times 3 =$ _____
$1 \times 4 =$ _____	$1 \times 4 =$ _____	$1 \times 4 =$ _____
$1 \times 5 =$ _____	$1 \times 5 =$ _____	$1 \times 5 =$ _____
$1 \times 6 =$ _____	$1 \times 6 =$ _____	$1 \times 6 =$ _____
$1 \times 7 =$ _____	$1 \times 7 =$ _____	$1 \times 7 =$ _____
$1 \times 8 =$ _____	$1 \times 8 =$ _____	$1 \times 8 =$ _____
$1 \times 9 =$ _____	$1 \times 9 =$ _____	$1 \times 9 =$ _____
$1 \times 10 =$ _____	$1 \times 10 =$ _____	$1 \times 10 =$ _____
$1 \times 11 =$ _____	$1 \times 11 =$ _____	$1 \times 11 =$ _____
$1 \times 12 =$ _____	$1 \times 12 =$ _____	$1 \times 12 =$ _____



TABLE 2

The Two Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Times two is just doubling. Add the number to itself.

FIRST PASS	SECOND PASS	THIRD PASS
$2 \times 0 =$ _____	$2 \times 0 =$ _____	$2 \times 0 =$ _____
$2 \times 1 =$ _____	$2 \times 1 =$ _____	$2 \times 1 =$ _____
$2 \times 2 =$ _____	$2 \times 2 =$ _____	$2 \times 2 =$ _____
$2 \times 3 =$ _____	$2 \times 3 =$ _____	$2 \times 3 =$ _____
$2 \times 4 =$ _____	$2 \times 4 =$ _____	$2 \times 4 =$ _____
$2 \times 5 =$ _____	$2 \times 5 =$ _____	$2 \times 5 =$ _____
$2 \times 6 =$ _____	$2 \times 6 =$ _____	$2 \times 6 =$ _____
$2 \times 7 =$ _____	$2 \times 7 =$ _____	$2 \times 7 =$ _____
$2 \times 8 =$ _____	$2 \times 8 =$ _____	$2 \times 8 =$ _____
$2 \times 9 =$ _____	$2 \times 9 =$ _____	$2 \times 9 =$ _____
$2 \times 10 =$ _____	$2 \times 10 =$ _____	$2 \times 10 =$ _____
$2 \times 11 =$ _____	$2 \times 11 =$ _____	$2 \times 11 =$ _____
$2 \times 12 =$ _____	$2 \times 12 =$ _____	$2 \times 12 =$ _____



TABLE 3

The Three Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Double the number, then add one more of it.

FIRST PASS	SECOND PASS	THIRD PASS
$3 \times 0 =$ _____	$3 \times 0 =$ _____	$3 \times 0 =$ _____
$3 \times 1 =$ _____	$3 \times 1 =$ _____	$3 \times 1 =$ _____
$3 \times 2 =$ _____	$3 \times 2 =$ _____	$3 \times 2 =$ _____
$3 \times 3 =$ _____	$3 \times 3 =$ _____	$3 \times 3 =$ _____
$3 \times 4 =$ _____	$3 \times 4 =$ _____	$3 \times 4 =$ _____
$3 \times 5 =$ _____	$3 \times 5 =$ _____	$3 \times 5 =$ _____
$3 \times 6 =$ _____	$3 \times 6 =$ _____	$3 \times 6 =$ _____
$3 \times 7 =$ _____	$3 \times 7 =$ _____	$3 \times 7 =$ _____
$3 \times 8 =$ _____	$3 \times 8 =$ _____	$3 \times 8 =$ _____
$3 \times 9 =$ _____	$3 \times 9 =$ _____	$3 \times 9 =$ _____
$3 \times 10 =$ _____	$3 \times 10 =$ _____	$3 \times 10 =$ _____
$3 \times 11 =$ _____	$3 \times 11 =$ _____	$3 \times 11 =$ _____
$3 \times 12 =$ _____	$3 \times 12 =$ _____	$3 \times 12 =$ _____



TABLE 4

The Four Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Double it, then double it again.

FIRST PASS

$4 \times 0 = \underline{\hspace{2cm}}$

$4 \times 1 = \underline{\hspace{2cm}}$

$4 \times 2 = \underline{\hspace{2cm}}$

$4 \times 3 = \underline{\hspace{2cm}}$

$4 \times 4 = \underline{\hspace{2cm}}$

$4 \times 5 = \underline{\hspace{2cm}}$

$4 \times 6 = \underline{\hspace{2cm}}$

$4 \times 7 = \underline{\hspace{2cm}}$

$4 \times 8 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$4 \times 10 = \underline{\hspace{2cm}}$

$4 \times 11 = \underline{\hspace{2cm}}$

$4 \times 12 = \underline{\hspace{2cm}}$

SECOND PASS

$4 \times 0 = \underline{\hspace{2cm}}$

$4 \times 1 = \underline{\hspace{2cm}}$

$4 \times 2 = \underline{\hspace{2cm}}$

$4 \times 3 = \underline{\hspace{2cm}}$

$4 \times 4 = \underline{\hspace{2cm}}$

$4 \times 5 = \underline{\hspace{2cm}}$

$4 \times 6 = \underline{\hspace{2cm}}$

$4 \times 7 = \underline{\hspace{2cm}}$

$4 \times 8 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$4 \times 10 = \underline{\hspace{2cm}}$

$4 \times 11 = \underline{\hspace{2cm}}$

$4 \times 12 = \underline{\hspace{2cm}}$

THIRD PASS

$4 \times 0 = \underline{\hspace{2cm}}$

$4 \times 1 = \underline{\hspace{2cm}}$

$4 \times 2 = \underline{\hspace{2cm}}$

$4 \times 3 = \underline{\hspace{2cm}}$

$4 \times 4 = \underline{\hspace{2cm}}$

$4 \times 5 = \underline{\hspace{2cm}}$

$4 \times 6 = \underline{\hspace{2cm}}$

$4 \times 7 = \underline{\hspace{2cm}}$

$4 \times 8 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$4 \times 10 = \underline{\hspace{2cm}}$

$4 \times 11 = \underline{\hspace{2cm}}$

$4 \times 12 = \underline{\hspace{2cm}}$



TABLE 5

The Five Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Answers end in 5 or 0, and count by fives all the way down.

FIRST PASS	SECOND PASS	THIRD PASS
$5 \times 0 =$ _____	$5 \times 0 =$ _____	$5 \times 0 =$ _____
$5 \times 1 =$ _____	$5 \times 1 =$ _____	$5 \times 1 =$ _____
$5 \times 2 =$ _____	$5 \times 2 =$ _____	$5 \times 2 =$ _____
$5 \times 3 =$ _____	$5 \times 3 =$ _____	$5 \times 3 =$ _____
$5 \times 4 =$ _____	$5 \times 4 =$ _____	$5 \times 4 =$ _____
$5 \times 5 =$ _____	$5 \times 5 =$ _____	$5 \times 5 =$ _____
$5 \times 6 =$ _____	$5 \times 6 =$ _____	$5 \times 6 =$ _____
$5 \times 7 =$ _____	$5 \times 7 =$ _____	$5 \times 7 =$ _____
$5 \times 8 =$ _____	$5 \times 8 =$ _____	$5 \times 8 =$ _____
$5 \times 9 =$ _____	$5 \times 9 =$ _____	$5 \times 9 =$ _____
$5 \times 10 =$ _____	$5 \times 10 =$ _____	$5 \times 10 =$ _____
$5 \times 11 =$ _____	$5 \times 11 =$ _____	$5 \times 11 =$ _____
$5 \times 12 =$ _____	$5 \times 12 =$ _____	$5 \times 12 =$ _____



TABLE 6

The Six Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Times six is double the times-three answer.

FIRST PASS

$6 \times 0 = \underline{\quad}$

$6 \times 1 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$6 \times 7 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$6 \times 11 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$

SECOND PASS

$6 \times 0 = \underline{\quad}$

$6 \times 1 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$6 \times 7 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$6 \times 11 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$

THIRD PASS

$6 \times 0 = \underline{\quad}$

$6 \times 1 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$6 \times 7 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$6 \times 11 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$



TABLE 7

The Seven Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN The hardest table for most students. Slow and steady beats fast.**FIRST PASS**

$7 \times 0 = \underline{\hspace{2cm}}$

$7 \times 1 = \underline{\hspace{2cm}}$

$7 \times 2 = \underline{\hspace{2cm}}$

$7 \times 3 = \underline{\hspace{2cm}}$

$7 \times 4 = \underline{\hspace{2cm}}$

$7 \times 5 = \underline{\hspace{2cm}}$

$7 \times 6 = \underline{\hspace{2cm}}$

$7 \times 7 = \underline{\hspace{2cm}}$

$7 \times 8 = \underline{\hspace{2cm}}$

$7 \times 9 = \underline{\hspace{2cm}}$

$7 \times 10 = \underline{\hspace{2cm}}$

$7 \times 11 = \underline{\hspace{2cm}}$

$7 \times 12 = \underline{\hspace{2cm}}$

SECOND PASS

$7 \times 0 = \underline{\hspace{2cm}}$

$7 \times 1 = \underline{\hspace{2cm}}$

$7 \times 2 = \underline{\hspace{2cm}}$

$7 \times 3 = \underline{\hspace{2cm}}$

$7 \times 4 = \underline{\hspace{2cm}}$

$7 \times 5 = \underline{\hspace{2cm}}$

$7 \times 6 = \underline{\hspace{2cm}}$

$7 \times 7 = \underline{\hspace{2cm}}$

$7 \times 8 = \underline{\hspace{2cm}}$

$7 \times 9 = \underline{\hspace{2cm}}$

$7 \times 10 = \underline{\hspace{2cm}}$

$7 \times 11 = \underline{\hspace{2cm}}$

$7 \times 12 = \underline{\hspace{2cm}}$

THIRD PASS

$7 \times 0 = \underline{\hspace{2cm}}$

$7 \times 1 = \underline{\hspace{2cm}}$

$7 \times 2 = \underline{\hspace{2cm}}$

$7 \times 3 = \underline{\hspace{2cm}}$

$7 \times 4 = \underline{\hspace{2cm}}$

$7 \times 5 = \underline{\hspace{2cm}}$

$7 \times 6 = \underline{\hspace{2cm}}$

$7 \times 7 = \underline{\hspace{2cm}}$

$7 \times 8 = \underline{\hspace{2cm}}$

$7 \times 9 = \underline{\hspace{2cm}}$

$7 \times 10 = \underline{\hspace{2cm}}$

$7 \times 11 = \underline{\hspace{2cm}}$

$7 \times 12 = \underline{\hspace{2cm}}$



TABLE 8

The Eight Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Double, double, double. Three doublings in a row.

FIRST PASS	SECOND PASS	THIRD PASS
$8 \times 0 =$ _____	$8 \times 0 =$ _____	$8 \times 0 =$ _____
$8 \times 1 =$ _____	$8 \times 1 =$ _____	$8 \times 1 =$ _____
$8 \times 2 =$ _____	$8 \times 2 =$ _____	$8 \times 2 =$ _____
$8 \times 3 =$ _____	$8 \times 3 =$ _____	$8 \times 3 =$ _____
$8 \times 4 =$ _____	$8 \times 4 =$ _____	$8 \times 4 =$ _____
$8 \times 5 =$ _____	$8 \times 5 =$ _____	$8 \times 5 =$ _____
$8 \times 6 =$ _____	$8 \times 6 =$ _____	$8 \times 6 =$ _____
$8 \times 7 =$ _____	$8 \times 7 =$ _____	$8 \times 7 =$ _____
$8 \times 8 =$ _____	$8 \times 8 =$ _____	$8 \times 8 =$ _____
$8 \times 9 =$ _____	$8 \times 9 =$ _____	$8 \times 9 =$ _____
$8 \times 10 =$ _____	$8 \times 10 =$ _____	$8 \times 10 =$ _____
$8 \times 11 =$ _____	$8 \times 11 =$ _____	$8 \times 11 =$ _____
$8 \times 12 =$ _____	$8 \times 12 =$ _____	$8 \times 12 =$ _____



TABLE 9

The Nine Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN The two digits of each answer add up to 9. Check yourself with that.

FIRST PASS	SECOND PASS	THIRD PASS
$9 \times 0 =$ _____	$9 \times 0 =$ _____	$9 \times 0 =$ _____
$9 \times 1 =$ _____	$9 \times 1 =$ _____	$9 \times 1 =$ _____
$9 \times 2 =$ _____	$9 \times 2 =$ _____	$9 \times 2 =$ _____
$9 \times 3 =$ _____	$9 \times 3 =$ _____	$9 \times 3 =$ _____
$9 \times 4 =$ _____	$9 \times 4 =$ _____	$9 \times 4 =$ _____
$9 \times 5 =$ _____	$9 \times 5 =$ _____	$9 \times 5 =$ _____
$9 \times 6 =$ _____	$9 \times 6 =$ _____	$9 \times 6 =$ _____
$9 \times 7 =$ _____	$9 \times 7 =$ _____	$9 \times 7 =$ _____
$9 \times 8 =$ _____	$9 \times 8 =$ _____	$9 \times 8 =$ _____
$9 \times 9 =$ _____	$9 \times 9 =$ _____	$9 \times 9 =$ _____
$9 \times 10 =$ _____	$9 \times 10 =$ _____	$9 \times 10 =$ _____
$9 \times 11 =$ _____	$9 \times 11 =$ _____	$9 \times 11 =$ _____
$9 \times 12 =$ _____	$9 \times 12 =$ _____	$9 \times 12 =$ _____



TABLE 10

The Ten Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Write the number, then put a zero after it.

FIRST PASS	SECOND PASS	THIRD PASS
$10 \times 0 =$ _____	$10 \times 0 =$ _____	$10 \times 0 =$ _____
$10 \times 1 =$ _____	$10 \times 1 =$ _____	$10 \times 1 =$ _____
$10 \times 2 =$ _____	$10 \times 2 =$ _____	$10 \times 2 =$ _____
$10 \times 3 =$ _____	$10 \times 3 =$ _____	$10 \times 3 =$ _____
$10 \times 4 =$ _____	$10 \times 4 =$ _____	$10 \times 4 =$ _____
$10 \times 5 =$ _____	$10 \times 5 =$ _____	$10 \times 5 =$ _____
$10 \times 6 =$ _____	$10 \times 6 =$ _____	$10 \times 6 =$ _____
$10 \times 7 =$ _____	$10 \times 7 =$ _____	$10 \times 7 =$ _____
$10 \times 8 =$ _____	$10 \times 8 =$ _____	$10 \times 8 =$ _____
$10 \times 9 =$ _____	$10 \times 9 =$ _____	$10 \times 9 =$ _____
$10 \times 10 =$ _____	$10 \times 10 =$ _____	$10 \times 10 =$ _____
$10 \times 11 =$ _____	$10 \times 11 =$ _____	$10 \times 11 =$ _____
$10 \times 12 =$ _____	$10 \times 12 =$ _____	$10 \times 12 =$ _____



TABLE 11

The Eleven Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Up to 9, just write the digit twice: $11 \times 4 = 44$.

FIRST PASS	SECOND PASS	THIRD PASS
$11 \times 0 =$ _____	$11 \times 0 =$ _____	$11 \times 0 =$ _____
$11 \times 1 =$ _____	$11 \times 1 =$ _____	$11 \times 1 =$ _____
$11 \times 2 =$ _____	$11 \times 2 =$ _____	$11 \times 2 =$ _____
$11 \times 3 =$ _____	$11 \times 3 =$ _____	$11 \times 3 =$ _____
$11 \times 4 =$ _____	$11 \times 4 =$ _____	$11 \times 4 =$ _____
$11 \times 5 =$ _____	$11 \times 5 =$ _____	$11 \times 5 =$ _____
$11 \times 6 =$ _____	$11 \times 6 =$ _____	$11 \times 6 =$ _____
$11 \times 7 =$ _____	$11 \times 7 =$ _____	$11 \times 7 =$ _____
$11 \times 8 =$ _____	$11 \times 8 =$ _____	$11 \times 8 =$ _____
$11 \times 9 =$ _____	$11 \times 9 =$ _____	$11 \times 9 =$ _____
$11 \times 10 =$ _____	$11 \times 10 =$ _____	$11 \times 10 =$ _____
$11 \times 11 =$ _____	$11 \times 11 =$ _____	$11 \times 11 =$ _____
$11 \times 12 =$ _____	$11 \times 12 =$ _____	$11 \times 12 =$ _____



TABLE 12

The Twelve Times Table

Work all three columns — $\times 0$ through $\times 12$, three times

Name _____ Date _____ Score _____

PATTERN Times ten plus times two. For 12×7 : $70 + 14 = 84$.

FIRST PASS	SECOND PASS	THIRD PASS
$12 \times 0 =$ _____	$12 \times 0 =$ _____	$12 \times 0 =$ _____
$12 \times 1 =$ _____	$12 \times 1 =$ _____	$12 \times 1 =$ _____
$12 \times 2 =$ _____	$12 \times 2 =$ _____	$12 \times 2 =$ _____
$12 \times 3 =$ _____	$12 \times 3 =$ _____	$12 \times 3 =$ _____
$12 \times 4 =$ _____	$12 \times 4 =$ _____	$12 \times 4 =$ _____
$12 \times 5 =$ _____	$12 \times 5 =$ _____	$12 \times 5 =$ _____
$12 \times 6 =$ _____	$12 \times 6 =$ _____	$12 \times 6 =$ _____
$12 \times 7 =$ _____	$12 \times 7 =$ _____	$12 \times 7 =$ _____
$12 \times 8 =$ _____	$12 \times 8 =$ _____	$12 \times 8 =$ _____
$12 \times 9 =$ _____	$12 \times 9 =$ _____	$12 \times 9 =$ _____
$12 \times 10 =$ _____	$12 \times 10 =$ _____	$12 \times 10 =$ _____
$12 \times 11 =$ _____	$12 \times 11 =$ _____	$12 \times 11 =$ _____
$12 \times 12 =$ _____	$12 \times 12 =$ _____	$12 \times 12 =$ _____

**MIXED A****Mixed Review A**

Every table, all mixed up — 39 problems

Name _____ Date _____ Score _____

PATTERN No pattern to lean on here. Read each problem on its own.

1. $4 \times 10 =$ _____

14. $9 \times 9 =$ _____

27. $10 \times 12 =$ _____

2. $11 \times 4 =$ _____

15. $1 \times 12 =$ _____

28. $0 \times 12 =$ _____

3. $12 \times 7 =$ _____

16. $7 \times 9 =$ _____

29. $3 \times 12 =$ _____

4. $7 \times 7 =$ _____

17. $0 \times 6 =$ _____

30. $12 \times 12 =$ _____

5. $1 \times 0 =$ _____

18. $6 \times 4 =$ _____

31. $3 \times 0 =$ _____

6. $1 \times 11 =$ _____

19. $11 \times 1 =$ _____

32. $3 \times 5 =$ _____

7. $6 \times 12 =$ _____

20. $5 \times 12 =$ _____

33. $6 \times 6 =$ _____

8. $4 \times 0 =$ _____

21. $6 \times 0 =$ _____

34. $4 \times 2 =$ _____

9. $5 \times 4 =$ _____

22. $8 \times 5 =$ _____

35. $10 \times 0 =$ _____

10. $7 \times 12 =$ _____

23. $7 \times 2 =$ _____

36. $12 \times 0 =$ _____

11. $4 \times 6 =$ _____

24. $7 \times 10 =$ _____

37. $7 \times 3 =$ _____

12. $0 \times 1 =$ _____

25. $10 \times 8 =$ _____

38. $6 \times 9 =$ _____

13. $6 \times 8 =$ _____

26. $10 \times 5 =$ _____

39. $10 \times 9 =$ _____

**MIXED B****Mixed Review B**

Every table, all mixed up — 39 problems

Name _____ Date _____ Score _____

PATTERN No pattern to lean on here. Read each problem on its own.

1. $8 \times 10 =$ _____

14. $9 \times 0 =$ _____

27. $2 \times 6 =$ _____

2. $8 \times 7 =$ _____

15. $7 \times 8 =$ _____

28. $11 \times 11 =$ _____

3. $2 \times 12 =$ _____

16. $1 \times 7 =$ _____

29. $1 \times 9 =$ _____

4. $2 \times 9 =$ _____

17. $11 \times 5 =$ _____

30. $8 \times 2 =$ _____

5. $5 \times 0 =$ _____

18. $9 \times 11 =$ _____

31. $3 \times 3 =$ _____

6. $4 \times 5 =$ _____

19. $1 \times 3 =$ _____

32. $12 \times 2 =$ _____

7. $2 \times 8 =$ _____

20. $9 \times 12 =$ _____

33. $8 \times 9 =$ _____

8. $1 \times 8 =$ _____

21. $8 \times 0 =$ _____

34. $10 \times 3 =$ _____

9. $11 \times 9 =$ _____

22. $3 \times 2 =$ _____

35. $6 \times 7 =$ _____

10. $4 \times 7 =$ _____

23. $12 \times 3 =$ _____

36. $6 \times 3 =$ _____

11. $9 \times 5 =$ _____

24. $0 \times 4 =$ _____

37. $3 \times 4 =$ _____

12. $12 \times 10 =$ _____

25. $1 \times 10 =$ _____

38. $12 \times 9 =$ _____

13. $11 \times 3 =$ _____

26. $1 \times 1 =$ _____

39. $0 \times 0 =$ _____

**MIXED C****Mixed Review C**

Every table, all mixed up — 39 problems

Name _____ Date _____ Score _____

PATTERN No pattern to lean on here. Read each problem on its own.

1. $8 \times 4 =$ _____

14. $3 \times 8 =$ _____

27. $12 \times 8 =$ _____

2. $4 \times 12 =$ _____

15. $11 \times 0 =$ _____

28. $12 \times 11 =$ _____

3. $11 \times 10 =$ _____

16. $5 \times 2 =$ _____

29. $0 \times 10 =$ _____

4. $12 \times 4 =$ _____

17. $9 \times 4 =$ _____

30. $1 \times 6 =$ _____

5. $3 \times 9 =$ _____

18. $2 \times 0 =$ _____

31. $4 \times 11 =$ _____

6. $1 \times 5 =$ _____

19. $9 \times 6 =$ _____

32. $8 \times 8 =$ _____

7. $10 \times 7 =$ _____

20. $5 \times 1 =$ _____

33. $12 \times 6 =$ _____

8. $8 \times 12 =$ _____

21. $11 \times 7 =$ _____

34. $10 \times 4 =$ _____

9. $7 \times 5 =$ _____

22. $8 \times 6 =$ _____

35. $10 \times 2 =$ _____

10. $10 \times 11 =$ _____

23. $2 \times 3 =$ _____

36. $8 \times 11 =$ _____

11. $11 \times 8 =$ _____

24. $3 \times 10 =$ _____

37. $11 \times 2 =$ _____

12. $9 \times 8 =$ _____

25. $4 \times 9 =$ _____

38. $10 \times 10 =$ _____

13. $4 \times 8 =$ _____

26. $2 \times 1 =$ _____

39. $3 \times 7 =$ _____

**MIXED D****Mixed Review D**

Every table, all mixed up — 39 problems

Name _____ Date _____ Score _____

PATTERN No pattern to lean on here. Read each problem on its own.

1. $10 \times 1 =$ _____

14. $4 \times 3 =$ _____

27. $0 \times 5 =$ _____

2. $9 \times 10 =$ _____

15. $12 \times 1 =$ _____

28. $2 \times 10 =$ _____

3. $5 \times 10 =$ _____

16. $11 \times 12 =$ _____

29. $2 \times 2 =$ _____

4. $0 \times 7 =$ _____

17. $0 \times 9 =$ _____

30. $8 \times 1 =$ _____

5. $5 \times 5 =$ _____

18. $1 \times 4 =$ _____

31. $5 \times 9 =$ _____

6. $5 \times 3 =$ _____

19. $4 \times 1 =$ _____

32. $6 \times 10 =$ _____

7. $2 \times 4 =$ _____

20. $0 \times 11 =$ _____

33. $3 \times 6 =$ _____

8. $5 \times 11 =$ _____

21. $6 \times 2 =$ _____

34. $7 \times 6 =$ _____

9. $0 \times 3 =$ _____

22. $3 \times 1 =$ _____

35. $2 \times 7 =$ _____

10. $2 \times 5 =$ _____

23. $0 \times 8 =$ _____

36. $4 \times 4 =$ _____

11. $7 \times 1 =$ _____

24. $10 \times 6 =$ _____

37. $1 \times 2 =$ _____

12. $5 \times 7 =$ _____

25. $6 \times 1 =$ _____

38. $3 \times 11 =$ _____

13. $8 \times 3 =$ _____

26. $5 \times 6 =$ _____

39. $12 \times 5 =$ _____



MY PROGRESS

Coloring In the Tables

Color a box each time you finish a page. When every box is colored, you know your multiplication facts from 0 to 12 — all 663 problems of them.

×0	×1	×2	×3	×4	×5	×6
done	done	done	done	done	done	done

×7	×8	×9	×10	×11	×12
done	done	done	done	done	done

Mixed Review

Mixed A	Mixed B	Mixed C	Mixed D
done	done	done	done

Facts I Want to Practice Again

When you miss one, write it here. These are the facts to drill tomorrow — there are never as many as it feels like.

___ × ___ = ___	___ × ___ = ___	___ × ___ = ___	___ × ___ = ___
___ × ___ = ___	___ × ___ = ___	___ × ___ = ___	___ × ___ = ___

◆ FAITH CONNECTION

"Whatsoever thy hand findeth to do, do it with thy might."

— Ecclesiastes 9:10

Learning the facts by heart is quiet, patient work. It is worth doing well.



End of the Student Pages

Everything after this page is for the parent-teacher: the complete answer key for all seventeen practice pages, and a full multiplication reference grid.

The Certificate of Completion is the final page.



ANSWER KEY

Answer Key

The thirteen table pages repeat the same thirteen facts three times across the page, so one strip of answers checks all three columns. The four mixed-review pages are numbered 1 to 39, running down the first column, then the second, then the third.

Table Pages

Table 0 — all three columns are identical

$0 \times 0 = 0$	$0 \times 5 = 0$	$0 \times 9 = 0$
$0 \times 1 = 0$	$0 \times 6 = 0$	$0 \times 10 = 0$
$0 \times 2 = 0$	$0 \times 7 = 0$	$0 \times 11 = 0$
$0 \times 3 = 0$	$0 \times 8 = 0$	$0 \times 12 = 0$
$0 \times 4 = 0$		

Table 1 — all three columns are identical

$1 \times 0 = 0$	$1 \times 5 = 5$	$1 \times 9 = 9$
$1 \times 1 = 1$	$1 \times 6 = 6$	$1 \times 10 = 10$
$1 \times 2 = 2$	$1 \times 7 = 7$	$1 \times 11 = 11$
$1 \times 3 = 3$	$1 \times 8 = 8$	$1 \times 12 = 12$
$1 \times 4 = 4$		

Table 2 — all three columns are identical

$2 \times 0 = 0$	$2 \times 5 = 10$	$2 \times 9 = 18$
$2 \times 1 = 2$	$2 \times 6 = 12$	$2 \times 10 = 20$
$2 \times 2 = 4$	$2 \times 7 = 14$	$2 \times 11 = 22$
$2 \times 3 = 6$	$2 \times 8 = 16$	$2 \times 12 = 24$
$2 \times 4 = 8$		

Table 3 — all three columns are identical

$3 \times 0 = 0$	$3 \times 5 = 15$	$3 \times 9 = 27$
$3 \times 1 = 3$	$3 \times 6 = 18$	$3 \times 10 = 30$
$3 \times 2 = 6$	$3 \times 7 = 21$	$3 \times 11 = 33$
$3 \times 3 = 9$	$3 \times 8 = 24$	$3 \times 12 = 36$
$3 \times 4 = 12$		

Table 4 — all three columns are identical

$4 \times 0 = 0$	$4 \times 5 = 20$	$4 \times 9 = 36$
$4 \times 1 = 4$	$4 \times 6 = 24$	$4 \times 10 = 40$
$4 \times 2 = 8$	$4 \times 7 = 28$	$4 \times 11 = 44$
$4 \times 3 = 12$	$4 \times 8 = 32$	$4 \times 12 = 48$
$4 \times 4 = 16$		

Table 5 — all three columns are identical

$5 \times 0 = 0$	$5 \times 5 = 25$	$5 \times 9 = 45$
$5 \times 1 = 5$	$5 \times 6 = 30$	$5 \times 10 = 50$
$5 \times 2 = 10$	$5 \times 7 = 35$	$5 \times 11 = 55$
$5 \times 3 = 15$	$5 \times 8 = 40$	$5 \times 12 = 60$
$5 \times 4 = 20$		

Table 6 — all three columns are identical

$6 \times 0 = 0$	$6 \times 5 = 30$	$6 \times 9 = 54$
$6 \times 1 = 6$	$6 \times 6 = 36$	$6 \times 10 = 60$
$6 \times 2 = 12$	$6 \times 7 = 42$	$6 \times 11 = 66$
$6 \times 3 = 18$	$6 \times 8 = 48$	$6 \times 12 = 72$
$6 \times 4 = 24$		

Table 7 — all three columns are identical

$7 \times 0 = 0$	$7 \times 5 = 35$	$7 \times 9 = 63$
$7 \times 1 = 7$	$7 \times 6 = 42$	$7 \times 10 = 70$
$7 \times 2 = 14$	$7 \times 7 = 49$	$7 \times 11 = 77$
$7 \times 3 = 21$	$7 \times 8 = 56$	$7 \times 12 = 84$
$7 \times 4 = 28$		

Table 8 — all three columns are identical

$8 \times 0 = 0$	$8 \times 5 = 40$	$8 \times 9 = 72$
$8 \times 1 = 8$	$8 \times 6 = 48$	$8 \times 10 = 80$
$8 \times 2 = 16$	$8 \times 7 = 56$	$8 \times 11 = 88$
$8 \times 3 = 24$	$8 \times 8 = 64$	$8 \times 12 = 96$
$8 \times 4 = 32$		

Table 9 — all three columns are identical

$9 \times 0 = 0$	$9 \times 5 = 45$	$9 \times 9 = 81$
$9 \times 1 = 9$	$9 \times 6 = 54$	$9 \times 10 = 90$
$9 \times 2 = 18$	$9 \times 7 = 63$	$9 \times 11 = 99$
$9 \times 3 = 27$	$9 \times 8 = 72$	$9 \times 12 = 108$
$9 \times 4 = 36$		

**Table 10 — all three columns are identical**

$10 \times 0 = 0$	$10 \times 5 = 50$	$10 \times 9 = 90$
$10 \times 1 = 10$	$10 \times 6 = 60$	$10 \times 10 = 100$
$10 \times 2 = 20$	$10 \times 7 = 70$	$10 \times 11 = 110$
$10 \times 3 = 30$	$10 \times 8 = 80$	$10 \times 12 = 120$
$10 \times 4 = 40$		

Table 11 — all three columns are identical

$11 \times 0 = 0$	$11 \times 5 = 55$	$11 \times 9 = 99$
$11 \times 1 = 11$	$11 \times 6 = 66$	$11 \times 10 = 110$
$11 \times 2 = 22$	$11 \times 7 = 77$	$11 \times 11 = 121$
$11 \times 3 = 33$	$11 \times 8 = 88$	$11 \times 12 = 132$
$11 \times 4 = 44$		

Table 12 — all three columns are identical

$12 \times 0 = 0$	$12 \times 5 = 60$	$12 \times 9 = 108$
$12 \times 1 = 12$	$12 \times 6 = 72$	$12 \times 10 = 120$
$12 \times 2 = 24$	$12 \times 7 = 84$	$12 \times 11 = 132$
$12 \times 3 = 36$	$12 \times 8 = 96$	$12 \times 12 = 144$
$12 \times 4 = 48$		

Mixed Review Pages

Problems are numbered down each column: 1–13 in the first column, 14–26 in the second, 27–39 in the third.

Mixed Review A

1. $4 \times 10 = 40$	11. $4 \times 6 = 24$	21. $6 \times 0 = 0$	31. $3 \times 0 = 0$
2. $11 \times 4 = 44$	12. $0 \times 1 = 0$	22. $8 \times 5 = 40$	32. $3 \times 5 = 15$
3. $12 \times 7 = 84$	13. $6 \times 8 = 48$	23. $7 \times 2 = 14$	33. $6 \times 6 = 36$
4. $7 \times 7 = 49$	14. $9 \times 9 = 81$	24. $7 \times 10 = 70$	34. $4 \times 2 = 8$
5. $1 \times 0 = 0$	15. $1 \times 12 = 12$	25. $10 \times 8 = 80$	35. $10 \times 0 = 0$
6. $1 \times 11 = 11$	16. $7 \times 9 = 63$	26. $10 \times 5 = 50$	36. $12 \times 0 = 0$
7. $6 \times 12 = 72$	17. $0 \times 6 = 0$	27. $10 \times 12 = 120$	37. $7 \times 3 = 21$
8. $4 \times 0 = 0$	18. $6 \times 4 = 24$	28. $0 \times 12 = 0$	38. $6 \times 9 = 54$
9. $5 \times 4 = 20$	19. $11 \times 1 = 11$	29. $3 \times 12 = 36$	39. $10 \times 9 = 90$
10. $7 \times 12 = 84$	20. $5 \times 12 = 60$	30. $12 \times 12 = 144$	

Mixed Review B

1. $8 \times 10 = 80$	11. $9 \times 5 = 45$	21. $8 \times 0 = 0$	31. $3 \times 3 = 9$
2. $8 \times 7 = 56$	12. $12 \times 10 = 120$	22. $3 \times 2 = 6$	32. $12 \times 2 = 24$
3. $2 \times 12 = 24$	13. $11 \times 3 = 33$	23. $12 \times 3 = 36$	33. $8 \times 9 = 72$
4. $2 \times 9 = 18$	14. $9 \times 0 = 0$	24. $0 \times 4 = 0$	34. $10 \times 3 = 30$
5. $5 \times 0 = 0$	15. $7 \times 8 = 56$	25. $1 \times 10 = 10$	35. $6 \times 7 = 42$
6. $4 \times 5 = 20$	16. $1 \times 7 = 7$	26. $1 \times 1 = 1$	36. $6 \times 3 = 18$
7. $2 \times 8 = 16$	17. $11 \times 5 = 55$	27. $2 \times 6 = 12$	37. $3 \times 4 = 12$
8. $1 \times 8 = 8$	18. $9 \times 11 = 99$	28. $11 \times 11 = 121$	38. $12 \times 9 = 108$
9. $11 \times 9 = 99$	19. $1 \times 3 = 3$	29. $1 \times 9 = 9$	39. $0 \times 0 = 0$
10. $4 \times 7 = 28$	20. $9 \times 12 = 108$	30. $8 \times 2 = 16$	



Mixed Review C

1. $8 \times 4 = 32$	11. $11 \times 8 = 88$	21. $11 \times 7 = 77$	31. $4 \times 11 = 44$
2. $4 \times 12 = 48$	12. $9 \times 8 = 72$	22. $8 \times 6 = 48$	32. $8 \times 8 = 64$
3. $11 \times 10 = 110$	13. $4 \times 8 = 32$	23. $2 \times 3 = 6$	33. $12 \times 6 = 72$
4. $12 \times 4 = 48$	14. $3 \times 8 = 24$	24. $3 \times 10 = 30$	34. $10 \times 4 = 40$
5. $3 \times 9 = 27$	15. $11 \times 0 = 0$	25. $4 \times 9 = 36$	35. $10 \times 2 = 20$
6. $1 \times 5 = 5$	16. $5 \times 2 = 10$	26. $2 \times 1 = 2$	36. $8 \times 11 = 88$
7. $10 \times 7 = 70$	17. $9 \times 4 = 36$	27. $12 \times 8 = 96$	37. $11 \times 2 = 22$
8. $8 \times 12 = 96$	18. $2 \times 0 = 0$	28. $12 \times 11 = 132$	38. $10 \times 10 = 100$
9. $7 \times 5 = 35$	19. $9 \times 6 = 54$	29. $0 \times 10 = 0$	39. $3 \times 7 = 21$
10. $10 \times 11 = 110$	20. $5 \times 1 = 5$	30. $1 \times 6 = 6$	

Mixed Review D

1. $10 \times 1 = 10$	11. $7 \times 1 = 7$	21. $6 \times 2 = 12$	31. $5 \times 9 = 45$
2. $9 \times 10 = 90$	12. $5 \times 7 = 35$	22. $3 \times 1 = 3$	32. $6 \times 10 = 60$
3. $5 \times 10 = 50$	13. $8 \times 3 = 24$	23. $0 \times 8 = 0$	33. $3 \times 6 = 18$
4. $0 \times 7 = 0$	14. $4 \times 3 = 12$	24. $10 \times 6 = 60$	34. $7 \times 6 = 42$
5. $5 \times 5 = 25$	15. $12 \times 1 = 12$	25. $6 \times 1 = 6$	35. $2 \times 7 = 14$
6. $5 \times 3 = 15$	16. $11 \times 12 = 132$	26. $5 \times 6 = 30$	36. $4 \times 4 = 16$
7. $2 \times 4 = 8$	17. $0 \times 9 = 0$	27. $0 \times 5 = 0$	37. $1 \times 2 = 2$
8. $5 \times 11 = 55$	18. $1 \times 4 = 4$	28. $2 \times 10 = 20$	38. $3 \times 11 = 33$
9. $0 \times 3 = 0$	19. $4 \times 1 = 4$	29. $2 \times 2 = 4$	39. $12 \times 5 = 60$
10. $2 \times 5 = 10$	20. $0 \times 11 = 0$	30. $8 \times 1 = 8$	

Reading the Results

A wrong answer and a slow answer are different problems with different fixes. A **wrong** answer usually means the fact was never learned, and the fix is to drill that one fact. A **slow** answer usually means the fact is being computed rather than recalled — the student is counting up, or working from a neighboring fact. That is real progress, but it is not yet fluency, and it will make long multiplication painfully slow later on.

■ USING THIS KEY

- Mark the third column first. If it is clean and quick, the table is learned, whatever the first two columns looked like.
- Count the misses rather than the score. Two or fewer on a table page is ready to move on; five or more means repeat the page.
- The same few facts account for most misses across every student — 6×7 , 6×8 , 7×8 , 7×9 , 8×9 , and the 12s. Expect them.
- On a mixed page, note which *table* each miss came from. Three misses scattered across three tables is a different problem from three misses all in the sevens.
- Because 7×8 and 8×7 give the same answer, a student who knows one knows the other. The fact they are missing is often one they already have, written the other way around.



REFERENCE GRID

The Complete Multiplication Grid

Every product from 0×0 to 12×12 . This page sits behind the divider on purpose — it is a checking tool for the parent-teacher, not a crutch for the student. It is also worth showing once the facts are learned, so the student can see the patterns they have been practicing: the diagonal of square numbers, and the way the grid mirrors itself across it.

$\times$	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

The gold diagonal holds the square numbers — 0, 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144. Everything above the diagonal is repeated below it, because 7×8 and 8×7 give the same product. That single fact cuts the memorizing nearly in half.



FIREFLY EDUCATION NETWORK

Elementary Mathematics — Fact Fluency

Certificate of Completion

This certifies that

(student name)

has successfully completed

Multiplication Facts, Tables 0 through 12

663 problems worked · every table practiced three times

"Whatsoever thy hand findeth to do, do it with thy might."

— **Ecclesiastes 9:10**

Teacher

Date