

Dear Upcoming 4<sup>th</sup> Grade Parents,

It is a summer homework expectation that your masters their multiplication facts. It is important they master all their facts from 0-10. Fourth grade standards require students to use basic facts in order solve quickly. If a student has not mastered their facts the transition from 3<sup>rd</sup> to 4<sup>th</sup> will be much more difficult. Please take the time to have your child study their facts over the summer. There are many different methods you may use to help your child learn their facts. We have listed a few below.

**Why Does My Child Need to Memorize their Multiplication Facts?**

Just like learning to walk before you can run, learning multiplication and memorizing the times tables are building blocks for other math topics

child that math to

**The summer homework assignment:**

Please have your child complete the attached 10 multiplication quizzes. For each quiz please time you child, to see how long it takes them to complete the facts. Please then take the time to go through the worksheet with your child to review and see how many they got correct. You may choose to give the quizzes throughout the summer at your discretion. We do ask that if your child completes this work early in the summer that you continue to have them practice their facts.

Sincerely,

The Fourth Grade Team

**How to Help Your Child Practice Multiplication Facts:**

- 1) Create or purchase a set of flashcards. Find a specific time each day to go through the cards with your child.
- 2) Focus on studying one set of numbers at a time. Have you child master all the 0 facts, then 1 facts. Etc.
- 3) Teach your child some of the tricks on how to use your hands to solve multiplication facts. If you're not sure how use the below video or others available online.  
<https://www.youtube.com/watch?v=70UVUlobZyM>
- 4) Locate games you and your child can play together to make learning the facts fun. This game of battleship is a great one!  
<http://www.goteachthis.com/times-table-game-multiplication-battleship>
- 5) There are many online games and apps that your student can use at home on their computer, tablet, or phone. We have suggested some below, but there are many others!  
<http://www.multiplication.com/games/all-games>  
<http://www.hoodamath.com/games/multiplication.html>  
<http://www.math-play.com/multiplication-games.html>  
<http://www.math-play.com/multiplication-games.html>  
**Phone Apps:** Times Tables Quiz! Multiplication Flash Cards, Splash Math

Minute Marker

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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

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$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$
$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$
$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$
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Minute Marker

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# Multiplication Facts 0-12

Five minute timed drill with 100 problems.

$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$
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Minute Marker

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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$
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$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$
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$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$
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$$\begin{array}{r} 10 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$
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$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$
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$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$
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$$\begin{array}{r} 11 \\ \times 4 \\ \hline \end{array}$$
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$$\begin{array}{r} 10 \\ \times 11 \\ \hline \end{array}$$
$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$
$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$
$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$
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$$\begin{array}{r} 11 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$
$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$
$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

Minute Marker

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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

$$\begin{array}{r} 7 \\ \times 0 \end{array}$$
$$\begin{array}{r} 9 \\ \times 2 \end{array}$$
$$\begin{array}{r} 11 \\ \times 4 \end{array}$$
$$\begin{array}{r} 2 \\ \times 1 \end{array}$$
$$\begin{array}{r} 5 \\ \times 0 \end{array}$$
$$\begin{array}{r} 10 \\ \times 6 \end{array}$$
$$\begin{array}{r} 12 \\ \times 3 \end{array}$$
$$\begin{array}{r} 8 \\ \times 5 \end{array}$$
$$\begin{array}{r} 11 \\ \times 7 \end{array}$$
$$\begin{array}{r} 12 \\ \times 9 \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \end{array}$$
$$\begin{array}{r} 12 \\ \times 7 \end{array}$$
$$\begin{array}{r} 9 \\ \times 6 \end{array}$$
$$\begin{array}{r} 11 \\ \times 5 \end{array}$$
$$\begin{array}{r} 10 \\ \times 0 \end{array}$$
$$\begin{array}{r} 4 \\ \times 1 \end{array}$$
$$\begin{array}{r} 8 \\ \times 7 \end{array}$$
$$\begin{array}{r} 12 \\ \times 5 \end{array}$$
$$\begin{array}{r} 8 \\ \times 0 \end{array}$$
$$\begin{array}{r} 9 \\ \times 3 \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \end{array}$$
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$$\begin{array}{r} 5 \\ \times 3 \end{array}$$
$$\begin{array}{r} 2 \\ \times 0 \end{array}$$
$$\begin{array}{r} 10 \\ \times 4 \end{array}$$
$$\begin{array}{r} 12 \\ \times 11 \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \end{array}$$
$$\begin{array}{r} 12 \\ \times 4 \end{array}$$
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$$\begin{array}{r} 12 \\ \times 10 \end{array}$$
$$\begin{array}{r} 7 \\ \times 3 \end{array}$$
$$\begin{array}{r} 0 \\ \times 0 \end{array}$$
$$\begin{array}{r} 4 \\ \times 2 \end{array}$$
$$\begin{array}{r} 9 \\ \times 0 \end{array}$$
$$\begin{array}{r} 6 \\ \times 5 \end{array}$$

$$\begin{array}{r} 11 \\ \times 8 \end{array}$$
$$\begin{array}{r} 4 \\ \times 3 \end{array}$$
$$\begin{array}{r} 10 \\ \times 1 \end{array}$$
$$\begin{array}{r} 8 \\ \times 4 \end{array}$$
$$\begin{array}{r} 5 \\ \times 1 \end{array}$$
$$\begin{array}{r} 12 \\ \times 6 \end{array}$$
$$\begin{array}{r} 12 \\ \times 8 \end{array}$$
$$\begin{array}{r} 10 \\ \times 8 \end{array}$$
$$\begin{array}{r} 7 \\ \times 5 \end{array}$$
$$\begin{array}{r} 4 \\ \times 0 \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \end{array}$$
$$\begin{array}{r} 7 \\ \times 2 \end{array}$$
$$\begin{array}{r} 9 \\ \times 5 \end{array}$$
$$\begin{array}{r} 11 \\ \times 6 \end{array}$$
$$\begin{array}{r} 6 \\ \times 2 \end{array}$$
$$\begin{array}{r} 10 \\ \times 7 \end{array}$$
$$\begin{array}{r} 3 \\ \times 4 \end{array}$$
$$\begin{array}{r} 6 \\ \times 0 \end{array}$$
$$\begin{array}{r} 5 \\ \times 4 \end{array}$$
$$\begin{array}{r} 8 \\ \times 3 \end{array}$$

$$\begin{array}{r} 11 \\ \times 3 \end{array}$$
$$\begin{array}{r} 1 \\ \times 1 \end{array}$$
$$\begin{array}{r} 10 \\ \times 9 \end{array}$$
$$\begin{array}{r} 3 \\ \times 9 \end{array}$$
$$\begin{array}{r} 9 \\ \times 7 \end{array}$$
$$\begin{array}{r} 12 \\ \times 0 \end{array}$$
$$\begin{array}{r} 9 \\ \times 4 \end{array}$$
$$\begin{array}{r} 3 \\ \times 1 \end{array}$$
$$\begin{array}{r} 8 \\ \times 2 \end{array}$$
$$\begin{array}{r} 11 \\ \times 1 \end{array}$$

$$\begin{array}{r} 12 \\ \times 12 \end{array}$$
$$\begin{array}{r} 9 \\ \times 8 \end{array}$$
$$\begin{array}{r} 6 \\ \times 1 \end{array}$$
$$\begin{array}{r} 5 \\ \times 2 \end{array}$$
$$\begin{array}{r} 11 \\ \times 0 \end{array}$$
$$\begin{array}{r} 10 \\ \times 3 \end{array}$$
$$\begin{array}{r} 9 \\ \times 9 \end{array}$$
$$\begin{array}{r} 8 \\ \times 1 \end{array}$$
$$\begin{array}{r} 11 \\ \times 10 \end{array}$$
$$\begin{array}{r} 8 \\ \times 8 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \end{array}$$
$$\begin{array}{r} 7 \\ \times 7 \end{array}$$
$$\begin{array}{r} 5 \\ \times 7 \end{array}$$
$$\begin{array}{r} 4 \\ \times 6 \end{array}$$
$$\begin{array}{r} 1 \\ \times 7 \end{array}$$
$$\begin{array}{r} 3 \\ \times 0 \end{array}$$
$$\begin{array}{r} 5 \\ \times 9 \end{array}$$
$$\begin{array}{r} 10 \\ \times 2 \end{array}$$
$$\begin{array}{r} 9 \\ \times 1 \end{array}$$
$$\begin{array}{r} 10 \\ \times 10 \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \end{array}$$
$$\begin{array}{r} 6 \\ \times 9 \end{array}$$
$$\begin{array}{r} 2 \\ \times 5 \end{array}$$
$$\begin{array}{r} 4 \\ \times 7 \end{array}$$
$$\begin{array}{r} 6 \\ \times 6 \end{array}$$
$$\begin{array}{r} 8 \\ \times 9 \end{array}$$
$$\begin{array}{r} 11 \\ \times 11 \end{array}$$
$$\begin{array}{r} 3 \\ \times 3 \end{array}$$
$$\begin{array}{r} 4 \\ \times 7 \end{array}$$
$$\begin{array}{r} 3 \\ \times 4 \end{array}$$

Minute Marker

1	2	3	4	5
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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

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

Minute Marker

1	2	3	4	5
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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

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



Minute Marker

1	2	3	4	5
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# Multiplication Facts 0-12

Five minute timed drill with 100 problems.

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

Minute Marker

1	2	3	4	5
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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

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

Minute Marker

1	2	3	4	5
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# Multiplication Facts 0 - 12

Five minute timed drill with 100 problems.

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