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## Printable multiplication worksheets

Our multiplication worksheets start with the basic multiplication facts and progress to multiplying large numbers in columns. We emphasize "mental multiplication" exercises to improve numeracy skills. Grade 2 multiplication worksheets Grade 3 multiplication worksheets Grade 4 mental multiplication worksheets Grade 4 multiply in columns worksheets Grade 5 multiplication worksheets Grade 6 multiplication worksheets

Multiplication facts: drills and practice Multi-digit multiplication: drills and practice Multiplication flashcards Topics include: Meaning of multiplication Arrays Multiplication Facts 2 & 3, 5, 10, 2-5 Multiplication Tables of 2, 5 & 10 Multiplication tables - missing factors Two times small numbers Two times multiples of 5 Two times whole tens Two times whole tens (missing factors) Multiplication word problems (within 25) Meaning of multiplication Multiplication sentences Multiply with arrays Multiply using a number line Multiplication facts (various practice up to 2-12) Multiplication tables Multiplication facts (missing factors) Multiplying 1-digit numbers by whole tens Multiplying 1-digit numbers by whole hundreds Multiply whole tens by whole tens Multiply whole tens (missing factors) Multiply in columns (1-digit by 2-4 digits) Multiplication word problems Multiplication tables 2-10, 2-12, random facts Multiplication tables 2-10, 2-12, missing factors Commutative property Distributive property Multiply 1-dit numbers by whole tens or hundreds Multiplying whole tens by whole tens (including missing factors) Multiply whole tens, whole hundreds and whole thousands Multiply 1-digit numbers by a number close to 100 Multiply in parts (1-digit by 2 or 3 digits) Mixed multiplication and division word problems Mixed 4 operations word problems Multiply in columns 1-digit by 2, 3 or 4 digits Multiply in columns 2-digits by 2, 3 or 4 digits Multiply in columns 3 digit by 3 digit Multiply by 10, 100 or 1,000 with missing factors (distributive property) Multiply 1 digit by 3 digit numbers mentally Multiply in columns up to 2x4 digits and 3x3 digits Mixed 4 operations word problems Distributive property Multiplying in columns up to 5 digit numbers Division worksheets Fractions worksheets Basic Multiplication Facts Basic Multiplication (0 through 10) This page has a bunch of free content including lots of games, worksheets, flashcards, multiplication drills, and activities for teaching all basic multiplication facts between 0 and 10. Basic Multiplication (0 through 12) On this page you'll find all of the resources you need for teaching basic facts through 12. Includes multiplication games, mystery pictures, quizzes, worksheets, and more. Multiplication with Arrays Learn to use arrays to solve basic multiplication and division facts. This page includes an array table, task cards, and worksheets. Multiplication as Repeated Addition On this page you will find worksheets that teach students to use repeated addition to find the answers to multiplication facts. Fact Families (Multiplication/Division) In this area of our site, you'll find fact family circles, fact family houses, fact family triangles, and factor/factor/product boxes. Multiplication Tables This page has printable multiplication tables. Includes tables that are completely filled in, partly filled in, and blank. Properties of Multiplication Here you'll find worksheets on Properties of Multiplication, including Distributive Property, Associative Property, and Commutative Property. Multiplication for Individual Numbers Multiplication by 2s This page is filled with worksheets of multiplying by 2s. This is a quiz, puzzles, skip counting, and more free worksheets! Multiplication by 3s Jump to this page if you're working on multiplying numbers by 3 only. Multiplication by 4s Here are some practice worksheets and activities for teaching only the 4s times tables. Multiplication by 5s These games and worksheets focus on the number 5 as a factor. Try a free drill sheet with your class today. Multiplication by 6s If you're reviewing the 6 times tables, this page has some helpful resources. Multiplication by 7s Some of the multiplication facts with 7 as a factor can be tricky. Try these practice activities to help your students master these facts. Multiplication by 8s These printable learning activities feature 8 as a factor in basic multiplication. Multiplication by 9s When you're teaching students to multiply only by the number nine, use these printable worksheets. Multiplication by 10s These printable activities have multiplication with 10 as one of the factors. Multiplication by 11s This page has a set of worksheets on multiplying pairs of numbers in which one or more factors are 11. Multiplication by 12s Use the printable worksheets, tools, and games on this page to help your students master basic facts with 12 as a factor. Multi-Digit Multiplication Multiplication: 2 Digits Times 1-Digit On this page you have a large selection of 2-digit by 1-digit multiplication worksheets to choose from. (example: 32x5) Multiplication: 3 Digits Times 1 Digit On these PDF files, students can find the products of 3-digit numbers and 1-digit numbers. (example: 371x3) Multiplication: 4 Digits Times 1 Digit Review 4-digit by 1-digit multiplication problems with these worksheets and task cards. (example: 3,812x7) Multiplication: 2 Digits Times 2 Digits Here's a link to a set of worksheets with 2-digit by 2-digit multiplication problems on them. Includes math riddles, a Scoot game, task cards, and more. (example: 43x19) Multiplication: 3 Digits Times 2 Digits On these printables, your pupils will be multiplying 3-digit numbers by 2-digit numbers. (example: 778x2) Multiplication by 3-Digit Numbers This collection features worksheets that require students to multiply by 3-digit numbers. (example: 235x129) Multiplying Decimals This page has lots of worksheets on finding the products of pairs of decimal numbers. (example: 1.3x5.6) Multiplying Money These worksheets will have students multiplying money amounts. (example: \$5.67x3) Lattice Multiplication Use lattice grids to multiply large numbers together. Try a sample free worksheet with your students. Multiplying Fractions Learn to multiply fractions and mixed numbers with these printables. Basic multiplication is a fundamental math skill taught in elementary school, typically beginning in second or third grade and continuing to be reinforced throughout later grades. Mastery of multiplication is crucial as it serves as the building block for more advanced mathematical concepts, such as division, fractions, and algebra. By learning multiplication, students gain the ability to solve problems more efficiently and understand the relationships between numbers, which is essential for their overall math development. In the classroom, teachers often introduce multiplication through the use of multiplication charts and tables, which help students memorize basic multiplication facts. These visual tools provide a clear reference that students can use to understand patterns in multiplication, such as the commutative property (e.g., 3 x 4 is the same as 4 x 3). Fact families are another effective method, where students learn how multiplication and division are related by practicing groups of related problems. For example, if students know that 2 x 5 = 10, they can also understand that 10 ÷ 5 = 2. Understanding the properties of multiplication, such as the distributive property and the associative property, further deepens students' comprehension and helps them apply these concepts to more complex problems. As students progress, they also learn to multiply decimals and money, which are critical skills for real-world applications. Teachers often use word problems and hands-on activities, such as calculating prices and totals in simulated shopping scenarios, to make these lessons practical and engaging. Visual aids like decimal grids and interactive digital tools also help students understand how multiplication works with decimals, reinforcing their skills through practice. The content at Super Teacher Worksheets is written by actual teachers who understand that learning to multiply is vital for students' success in math and everyday life. Multiplication is used in various real-life scenarios, from calculating total costs to determining quantities in recipes or measurements. By mastering multiplication with the help of our learning aids, students not only enhance their math abilities but also develop critical thinking and problem-solving skills that are essential in both academic and real-world contexts. Check out large range of math multiplication worksheets for kids, which includes times tables, math multiplication facts, fill-in multiplication tables, multiple-digit multiplication, and many other activities. Using these worksheets, students will be able to enhance their multiplication skills while also increasing their math confidence. Children who are just beginning to learn multiplication will benefit from these free pdf worksheets, which are available for download here. Click Here to create your own customized Multiplication Worksheets. Elementary school children of all ages can benefit from our multiplication worksheets, which range from fundamental topics such as multiplying by twos to more complicated ideas such as three-digit multiplication. For younger learners, we provide printable multiplication tables as well as a variety of puzzles such as multiplication crosswords and fill-in-the-blanks exercises. Older students preparing for major exams should print out our timed assessment and word problem multiplication worksheets, which are available on our website for free. It is for this reason that most children struggle with multiplication: it is an extremely difficult subject to acquire. And just as soon as a child has a good grasp on one multiplication idea, another one is taught that is just as difficult to master (if not more so). The question then becomes, what is the most effective approach to stay one step ahead of the multiplying freight train? In this scenario, the answer is straightforward: put in the time. However, learning multiplication tables (although this is necessary) is only part of the equation. Instead, parents should consider transforming commonplace activities and objects into fun (yet educational) multiplication challenges for their children. Use nickels and dimes on the counter to practice skip counting, and then use nickels and dimes on the counter to practice skip counting by tens, and then practice skip counting by fives. Another option is to ask him how many points his favorite team will have if they score five touchdowns and how many points the opposing team will have if they kick three field goals the next time your child is watching football. Check out our age-appropriate multiplication worksheets for further multiplication assistance and locate the activities that your child will find fascinating and engaging. After all, just because learning multiplication is tough does not rule out the possibility of having fun while doing so! Welcome to the multiplication facts worksheets page at Math-Drills.com! On this page, you will find Multiplication worksheets for practicing multiplication facts at various levels and in a variety of formats. This is our most popular page due to the wide variety of worksheets for multiplication available. Or it could be that learning multiplication facts and multiplication strategies are essential to many topics in mathematics beyond third grade math. Learning multiplication facts to the point of quick recall should be a goal for all students and will serve them well in their math studies. Multiplication facts are actually easier to learn than you might think. First of all, it is only essential to learn the facts from 1 to 9. Somewhere along the way students can learn that anything multiplied by zero is zero. Hopefully, that is an easy one. Students also need to learn to multiply by ten as a precursor to learning how to multiply other powers of ten. After those three skills are learned, everything else is long multiplication. Multiplying by 11 is actually two-digit multiplication. Now, learning fact tables of 11 and beyond will do no harm to those students who are keen and able to learn these things quickly, and it might help them figure out how many eggs are in a gross faster than anyone else, but keep it simple for those students who struggle a bit more. Multiplication Facts Tables The multiplication tables with individual questions include a separate box for each number. In each box, the single number is multiplied by every other number with each question on one line. The tables may be used for various purposes such as introducing the multiplication tables, skip counting, as a lookup table, patterning activities, and memorizing. Multiplication Facts Tables from 1 to 12 Multiplication Facts Tables from 0 to 11 Multiplication Facts Tables from 13 to 24 The compact multiplication tables are basically lookup charts. To look up a multiplication fact, find the first factor in the column header and the second factor in the row headers; then use straight edges, your fingers or your eyes to find where the column and row intersect to get the product. These tables are better than the previous tables for finding patterns, but they can be used in similar ways. Each PDF includes a filled out table page and a blank table page. The blank tables can be used for practice or assessment. You might also make a game out of it, such as "Pin the Fact on the Table" (a play on Pin the Tail on the Donkey). Students are given a product (answer) and they pin it on an enlarged version or the table (photocopier enlargement, interactive whiteboard, overhead projector, etc.). Paper-saving versions with multiple tables per page are included. The left-handed versions of the multiplication tables recognize that students who use their left hands might block the row headings on the right-handed versions. Compact Multiplication Facts Tables from 1 to 7 Compact Multiplication Facts Tables from 1 to 9 Compact Multiplication Facts Tables from 1 to 10 Compact Multiplication Facts Tables from 1 to 12 Multiplication Facts up to the 10 Times Table Multiplying by 10 is often a lesson itself, but here we have included it with the other facts. Students usually learn how to multiply by 10 fairly quickly, so this section really is not a whole lot more difficult than the multiplication facts to 81 section. Multiplication Facts up to the 10 Times Table (No Zeros or Ones) Multiplication Facts up to the 10 Times Table (No Zeros) Multiplication Facts up to the 10 Times Table (With Zeros) Horizontally Arranged Multiplication Facts up to the 10 Times Table Some students find it easier to focus on one multiplication fact at a time. These multiplication worksheets include some repetition, of course, as there is only one thing to multiply by. Once students practice a few times, these facts will probably get stuck in their heads for life. Some of the later versions include a range of focus numbers. In those cases, each question will randomly have one of the focus numbers in question. For example, if the range is 6 to 8, the question might include a 6, 7 or 8 or more than one depending on which other factor was chosen for the second factor. Multiplying (1 to 10) by Individual Facts (100 Questions per Page) Multiplying (1 to 10) by Ranges Individual Facts (100 Questions per Page) Multiplying (1 to 10) by Individual Facts (50 Questions per Page) Multiplying (1 to 10) by Ranges of Individual Facts (50 Questions per Page) Multiplying (1 to 10) by Individual Facts (36 Questions per Page) Multiplying (1 to 10) by Ranges of Individual Facts (42 Questions per Page) Horizontally Arranged Multiplying (1 to 10) by Individual Facts (100 Questions per Page) Horizontally Arranged Multiplying (1 to 10) by Individual Facts (50 Questions per Page) Horizontally Arranged Multiplying (1 to 10) by Individual Facts (25 Questions per Page; Large Print) If a student is learning their times tables one at a time, these worksheets will help with practice and assessment along the way. Each one increases the range for the second factor. Multiplying (1 to 10) by Increasing Ranges of Individual Facts (100 Questions per Page) Multiplying (1 to 10) by Increasing Ranges of Individual Facts (50 Questions per Page) Multiplying Doubles Multiplying Doubles up to 10 x 10 Multiplication Facts up to the 12 Times Table The Holy Grail of elementary mathematics. Once you learn your twelve times table, it is smooth sailing from now on, right? Well, not exactly, but having a good mental recall of the multiplication facts up to 144 will certainly set you on the right path for future success in your math studies. Multiplication Facts up to the 12 Times Table (No Zeros or Ones) Multiplication Facts up to the 12 Times Table (No Zeros) Multiplication Facts up to the 12 Times Table (With Zeros) Horizontally Arranged Multiplication Facts up to the 11 Times Table Horizontally Arranged Multiplication Facts up to the 12 Times Table With one, two or three target numbers at a time, students are able to practice just the multiplication facts they need. Multiplying (1 to 12) by Individual Facts (100 Questions per Page) Multiplying (1 to 12) by Ranges of Individual Facts (100 Questions per Page) Multiplying (1 to 12) by Individual Facts (50 Questions per Page) Multiplying (1 to 12) by Ranges of Individual Facts (50 Questions per Page) Horizontally Arranged Multiplying (0 to 12) by Individual Facts (25 Questions per Page; Large Print) In the following multiplication worksheets, the facts are grouped into anchor groups. Multiplying (1 to 12) by Anchor Facts (Commonly Grouped Facts) Multiplying (1 to 12) by Increasing Ranges of Individual Facts (100 Questions per Page) Multiplying (1 to 12) by Increasing Ranges of Individual Facts (50 Questions per Page) On the following multiplication worksheets, the questions are in order and might be useful for students to remember their times tables or to help them with skip counting. Repetitive Multiplying of Individual Facts by (1 to 12) Multiplying Doubles Multiplying Doubles up to 12 x 12 Welcome to the Math Salamanders Multiplication Printable Worksheets. Here you will find a wide range of free printable Multiplication Worksheets which will help your child improve their multiplying skills. Take a look at our times table worksheets, or check out our multiplication games or some multiplication word problems. This page contains links to other Math webpages where you will find a range of activities and resources. If you can't find what you are looking for, try searching the site using the Google search box at the top of each page. Once children have mastered place value to 100, and learn to count in steps of 2, 5 and 10, they are ready to start multiplication. Multiplication follows on naturally from counting in steps of different sizes. When children first learn multiplication, the learning is linked to addition which they are already very familiar with. So 2 + 2 + 2 + 2 becomes 2 four times or 2 x 4 (or 4 x 2). Once children have understood what multiplication is, they are then ready to start learning their tables, learning to multiply by one or two digit numbers, and then applying their knowledge to solve problems. At the very last stage in elementary math, they are ready to start multiplying decimals. The multiplication printable worksheets below will take your child through their multiplication learning step-by-step so that they are learning the math skills to move on to the next step, as well as starting off at a nice easy level to gain confidence. Here you will find our selection of free resources such as flashcards, multiplication charts and grids to help your child to learn their multiplication facts. Here you will find a selection of Multiplication Flashcards designed to help your child learn their Multiplication facts. Using flashcards is a great way to learn your Multiplication facts. They can be taken on a journey, played with in a game, or used in a spare five minutes daily until your child knows their Multiplication facts off by heart. Using these flashcards will help your child to: Learn their multiplication facts for the Multiplication tables. All the free Math flash cards in this section are informed by the Elementary Math Benchmarks for 2nd and 3rd Grade. Here you will find a selection of Multiplication Times Table Charts to 10x10 or 12x12 to support your child in learning their multiplication facts. There is a wide selection of multiplication charts including both color and black and white, smaller charts, filled charts and blank charts. Using these charts will help your child to: Learn their multiplication facts to 10x10 or 12x12; Practice their multiplication table. Negative Number Multiplication Here you will find a selection of Mental Multiplication sheets designed to help your child improve their mental recall of Multiplication Facts and learn their times tables. As your child progresses through the grades, they will learn their multiplication table to 5x5 and eventually to 10x10, or 12x12. Once they know their multiplication facts, they can start to learn related facts, e.g. if 3 x 4 = 12, then 30 x 4 = 120 and 300 x 4 = 1200. The multiplication printable worksheets below will support your child with their multiplication learning. Math Times Table Worksheets Top of Page These Multiplication Printable Worksheets below are designed to help your child improve their ability to multiply a range of numbers by multiples of 10 and 100 mentally. The following sheets develop children's ability to use and apply their tables knowledge to answer related questions. Using these sheets will help your child to: practice their multiplication table facts; multiply a range of numbers by 10 and 100; learn to use their multiplication tables to multiply by 10s and 100s. These Multiplication Printable Worksheets below involve children using their multiplication table facts to answer related questions involving decimals. Before your child tries written multiplication methods involving decimals, they should be confident using their multiplication table facts to multiply simple decimals mentally. Using these sheets will help your child to: consolidate and practice their multiplication table facts; use their multiplication tables to answer related facts involving decimals up to 2 decimal places (2dp). Here is our free generator for multiplication (and division) worksheets. This easy-to-use generator will create randomly generated multiplication worksheets for you to use. Each sheet comes complete with answers if required. The areas the generator covers includes: Multiplying with numbers to 5x5; Multiplying with numbers to 10x10; Multiplying with numbers to 12x12; Multiplying with 10s e.g. 4 x 30 Multiplying with 100s e.g. 6 x 400 Multiplying with tenths e.g. 3 x 0.7 Practicing a single times table; Practicing selected times tables; These generated sheets can be used in a number of ways to help your child with their times table learning. Here you will find a range of written multiplication printable worksheets. This is the first introduction of a written multiplication method at this stage. The following sheets develop children's ability to use a written method to multiply a multi-digit number by a single digit, starting off at a very basic level. Using these sheets will help your child to: learn and practice 2-digit multiplication. learn to multiply a multi-digit number by a single digit. Here you will find our 4th Grade Multiplication Printable Worksheet collection. These sheets are designed to help your child improve their ability to multiply a range of numbers by a two digit number. The following sheets will help your child to: multiply a range of 2 and 3 digit numbers by two digits. Our free 5th Grade Multiplication Printable Worksheet collection below is designed to help your child improve their ability to multiply a range of numbers involving decimals by a single digit. The following sheets will help your child to: multiply a range of decimals up to 2 decimal places (2dp) by a single digit; All the free Math sheets in this section are informed by the Elementary Math Benchmarks for 5th Grade. We have a range of Multiplication Word Problem worksheets. Each sheet comes in different levels of difficulty so that you can select an appropriate level for your child/class. Using our word problem sheets will help your child to: apply their math skills; select the correct multiplication fact needed to solve a problem; solve a range of problems, including 'real-life' problems. Here you will find a range of Free Printable Multiplication Games. The following games develop the Math skill of multiplying in a fun and motivating way. Using these sheets will help your child to: learn their multiplication facts; practice and improve their multiplication table recall; develop their strategic thinking skills. How to Print or Save these sheets Need help with printing or saving? Follow these 3 steps to get your worksheets printed perfectly! How to Print or Save these sheets Need help with printing or saving? Follow these 3 steps to get your worksheets printed perfectly! Sign up to our newsletter to get free math support delivered to your inbox each month. Plus, get a seasonal math grab pack included for free! The Math Salamanders hope you enjoy using these free printable Math worksheets and all our other Math games and resources. If you have any questions or need any information about our site, please get in touch with us using the 'Contact Us' tab at the top and bottom of every page.