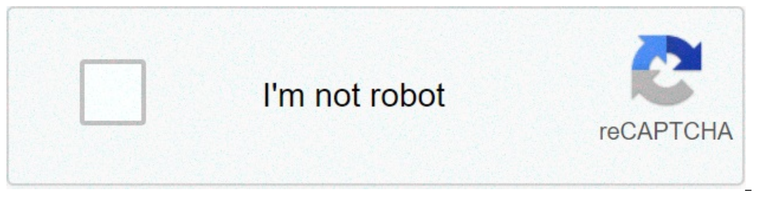

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Free printable double digit multiplication worksheets

Credit: Shutterstock Once your child enters first and second grade, you can reinforce basic measurement skills with these free worksheets. She'll get practice measuring in inches, centimeters, feet, yards, cups, quarts, and pints. Color by number worksheets are a great way to teach your kids or students basic number recognition, how to use a legend, and it will give them the opportunity to work on their fine motor skills. There are tons of color by number worksheets below overall different sorts of themes. No matter what the kids are interested in, they are sure to find a color by number here that they'll love to tackle. Scroll further down the page and you'll find some free, printable color by calculation worksheets that will help your child or student practice their math facts. In addition to these color by number worksheets, there are some great places they can go on the computer to play free color by number online games. If your kids love these free color by number worksheets, be sure to check out some other free printable activities for kids including connect the dots worksheets, hidden pictures, and printable mazes. Regrouping is a technique used in math that students begin to learn in the second grade. To add two-digit numbers together, the student begins in the furthermost right column and moves leftward. If the first column investigated adds up to 10 or more, they regroup to create a 10 and move it into the next column. To subtract two-digit numbers you take a 10 or 100 and ungroup it into smaller pieces. These two-digit addition worksheets will give your students the practice they need to master regrouping. Click on the hyperlink to download the pdf and print out the pages for use in your classes. Each worksheet includes 20 double-digit addition problems, a number line, and a second page with the answers. Subtraction is a key skill to learn for young students. But, it can be a challenging skill to master. Some children will require manipulatives such as number lines, counters, small blocks, pennies, or even candy such as gummies or M&Ms. Regardless of the manipulatives they might use, young students will need lots of practice to master any math skill. Use the following free printables, which provide subtraction problems up to the number 20, to help students get the practice they need. D.Russell Print the PDF: Worksheet No. 1 In this printable, students will learn basic math facts answering questions using numbers up to 20. Students can work the problems on the paper and write the answers just below each problem. Note that some of these problems do require borrowing, so be sure to review that skill before handing out the worksheets. D.Russell Print PDF: Worksheet No. 2 This printable gives students further practice solving subtraction problems using numbers up to 20. Students can work the problems on the paper and write the answers just below each problem. If students are struggling, use various manipulatives—pennies, small blocks, or even small pieces of candy. D.Russell Print the PDF: Worksheet No. 3 In this printable, students continue to answer subtraction questions using numbers up to 20 and noting their answers just below each problem. Take the opportunity, here, to go over a few of the problems on the board together with the entire class. Explain that borrowing and carrying in math are known as regrouping. D.Russell Print the PDF: Worksheet No. 4 In this printable, students continue to work basic subtraction problems and fill in their answers below each problem. Consider using pennies to teach the concept. Give each student 20 pennies; have them count out the number of pennies listed in the "minuend," the top number in a subtraction problem. Then, have them count out the number of pennies listed in the "subtrahend," the bottom number in a subtraction problem. This is a quick way to help students learn by counting real objects. D.Russell Print the PDF: Worksheet No. 5 Using this worksheet, teach subtraction skills by using gross-motor learning, where students actually stand up and walk around to learn the concept. If your class is large enough, have students stand at their desks. Count the number of students in the minuend, and have them come to the front of the room, such as "14." Then, count the number of students in the subtrahend—"6" in the case of one of the problems on the worksheet—and have them sit down. This provides a good visual way to show students that the answer to this subtraction problem would be eight. D.Russell Print the PDF: Worksheet No. 6 Before students begin to work the subtraction problems on this printable, explain to them that you'll give them one minute in which to work the problems. Offer a small prize to the student who gets the most answers correct within the timeframe. Then, start your stopwatch and let the student loose on the problems. Competition and deadlines can be good motivational tools for learning. D.Russell Print the PDF: Worksheet No. 7 To complete this worksheet, have students work independently. Give them a set time—perhaps five or 10 minutes—to complete the worksheet. Collect the worksheets, and when the students have gone home correct them. Use this kind of formative assessment to see how well students are mastering the concept, and adjust your strategies for teaching subtraction if needed. D.Russell Print the PDF: Worksheet No 8 In this printable, students will continue to learn basic math facts answering questions using numbers up to 20. Since the students have been practicing the skill for a while, use this and the subsequent worksheets as time-fillers. If students complete some other math work early, give them this worksheet to see how they perform. D.Russell Print the PDF: Worksheet No. 9 Consider assigning this printable as homework. Practicing basic math skills, such as subtraction and addition, is a good way for young students to master the concept. Tell students to use manipulative they might have at home, such as change, marbles, or small blocks, to help them complete the problems. D.Russell Print the PDF: Worksheet No. 10 As you wrap up your unit on subtracting numbers up to 20, have students complete this worksheet independently. Have students swap worksheets when they are done, and grade their neighbor's work as you post the answers on the board. This saves you hours of grading time after school. Collect the graded papers so you can see how well the students have mastered the concept. Find more math practice for your first graders with these word problem worksheets. There are over 100 free fraction worksheets in PDFs below to support the many concepts encountered with fractions. When starting with fractions, begin by focusing on 1/2 and then a 1/4 before moving to equivalent fractions and using the 4 operations with fractions (adding, subtracting, multiplying and dividing) These worksheets require students to find a half using circles, squares, rectangles, sets of objects e.g., one-half of 12 cookies, one-half of 14 chocolates etc. Worksheets to find 1/4 of sets and of shapes. Beginning to look at 8th's, 6th's by dividing the circle into equal parts. Eight Pizza Worksheets to show the toppings by fractional amounts. Helps to keep learning about fractions fun and authentic. Worksheets to Add Fractions with Common DenominatorsUse these worksheets before having students add fractions without finding common denominators. Additional practice. 6 Worksheets to subtract fractions with a common denominator. Students are required to find the common denominator prior to adding. These worksheets require students to take fractions like 18/12 and reduce them or simplify them to 6/4 and on to 3/2 and on to 1 1/2. Students are required to take fractions like 3/12 to 1/4. Finding equivalent fractions is key. Students need to find ways to see that 2/4 is the same as 1/2 and will benefit from having hands on activities. Worksheet for mixed fractions Tutorial included These worksheets all have a common denominator. 10 Worksheets to multiply fractions with and without common denominators. To divide the fractions, multiply the reciprocal then simplify. Change the mixed number to an improper fraction, divide using the reciprocal and simplify where you can. Use a ruler to line up the equivalencies. These worksheets help students see the connection between fractions and decimals. Can students apply what they know? Use these fraction word problem worksheets. Multiplying, Division, Addition, Subtraction etc Geography worksheets can be a valuable resource for teachers and students looking for activities and information related to both U.S. states and foreign countries. Each link leads you to a page featuring general background about the subject, whether it be countries like Germany and Japan, or states like Alaska and Nevada. The resources also include crossword puzzles, vocabulary worksheets, alphabet-ordering activities and explanations of geographical terms—such as isthmus, island and archipelago. Use these printables as study aids, pop quizzes or launching points for discussions about the various states and countries included here. Add these free printable geography worksheets to your homeschool day to reinforce geography skills and for variety and fun. Geography Germany Japan South America By the third and fourth grades, students should have grasped the basics of simple addition, subtraction, multiplication, and division, and as these young learners become more comfortable with multiplication tables and regrouping, two-digit multiplication is the next step in their mathematics educations. Although some might question having students learn how to multiply these large numbers by hand instead of by using a calculator, the concepts behind long-form multiplication must be fully and clearly understood first so that the students are able to apply these basic principles to more advanced mathematics courses later in their education. Chase Springer Remember to guide your students through this process step by step, making sure to remind them that by isolating the decimal value places and adding the results of those multiplications may simplify the process, using the equation 21 X 23. In this instance, the result of the one's decimal value of the second number multiplied by the full first number equals 63, which is added to the result of the tens decimal value of the second number multiplied by the full first number (420), which results in 483. Students should already be comfortable with the multiplication factors of number up to 10 prior to attempting two-digit multiplication problems, which are concepts typically taught in kindergarten through second grades, and it's equally important for third and fourth-grade students to be able to prove they fully grasp the concepts of two-digit multiplication. For this reason, teachers should use printable worksheets like these (#1, #2, #3, #4, #5, and #6) and the one pictured to the left in order to gauge their students' understanding of two-digit multiplication. By completing these worksheets using only pen and paper, students will be able to practically apply the core concepts of long-form multiplication. Teachers should also encourage students to work out the problems like in the above equation so that they may regroup and "carry the one" between these one's value and ten's value solutions, as each question on these worksheets requires students to regroup as part of two-digit multiplication. As students progress through the study of mathematics, they will begin to realize that most of the core concepts introduced in elementary school are used in tandem in advanced mathematics, meaning that students will be expected to not only be able to compute simple addition but also make advanced calculations on things like exponents and multi-step equations. Even in two-digit multiplication, students are expected to combine their understanding of simple multiplication tables with their ability to add two-digit numbers and regroup "carries" that occur in the computation of the equation. This reliance on previously understood concepts in mathematics is why it's crucial that young mathematicians master each area of study before moving on to the next; they will need a complete understanding of each of the core concepts of math in order to eventually be able to solve the complex equations presented in Algebra, Geometry, and eventually Calculus.