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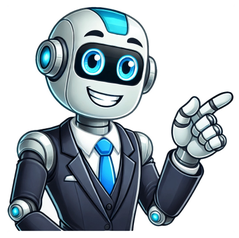

Get 150+ Free Math Worksheets! These 4-digit by 1 digit division word problems worksheets will help to visualize and understand methods of solving division word problems. Among the basic operations of mathematics, division problems are such kind of trickier problems. In this article, 1st & 2nd-grade students will learn basic division methods and can improve their basic math skills with our free printable worksheets. 6 Worksheets on 4-Digit by 1 Digit Division Word Problems Download the following worksheets for more practicing. Is 4 Digit by 1 Digit Division Scary? Don't Worry We Are Here Let's consider a 4-digit by 1-digit division problem here. Suppose 4295 is the dividend and 5 is the divisor. So, the problem will be 4295 / 5=? Here, first, try to divide the first number of 4295. As 4 is not dividable by 5 consider 42. You can go 8 times of 5 which is 40 and closer to 42. Then, subtract 40 from 42. You will get 2. Take the 9 and form 29. 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When I find that someone can learn something from my articles, this gives a lot of inspiration. hopefully, you will find interest in my article, if you have a child and want to teach them math with fun. Facebook Instagram Youtube Twitter Contact We live in a remarkable era when we can bring customized learning experiences to our children with the click of a button. IXL Learning offers online educational material that is more than just math drill and spelling practice. As a member of the Homeschool Review Crew, I received a full annual membership to IXL for my daughter. We have access to a wide variety of topics such as Math, Language Arts, Science and Social Studies – even an Intro to Spanish! Practice makes perfect and repetition helps bring about mastery. That's the goal, and that's where IXL can help. With the help of interactive diagnostic exercises, recommendations will be given for your student. He'll be able to jump in and follow the prompts given in the various subjects and tabs to review and reinforce their knowledge in all the core subjects of any grade level. The grade levels range from Pre-K to 12th, depending on the subject. With a membership you have access to all grade levels, regardless of where the student has placed in the diagnostic questions. This allows you to adjust your child's learning level in every subject area. My children have often been at different grade levels for different subjects at any given time, so this feature makes the experience very customizable. 15 minutes a day is recommended. The student logs in and chooses the subject area and grade level they want to work on and begins answering a variety of questions. The IXL website tracks the amount of time, the number of correct and incorrect answers, the number of questions answered in each category, etc. How we used IXL – It was easy to set things up. This included my own parent account as well as my daughter's student account. She was rather excited to personalize her own account with an icon of her choosing and a secret word (password) of her own. I have full access to both the parent and student accounts, but she is able to easily log in on the student section herself each day. We are accessing the program from our desktop and laptop computers. (There is an app for the ipad available which would be great for when we are on-the-go.) Bekah first worked in the diagnostic section of the program, to help determine what grade level she she would need to work in the different subject areas. Answering a handful of questions in each of the categories gives the program enough information to recommend a starting place. I quickly learned that we can re-visit the diagnostics tab at any time, to help fine tune these recommendations. The recommendations for Bekah were pretty accurate, but there were times I wanted her to work on areas I felt she still needed reinforcement. There were also times I wanted her to challenge herself, so I was very happy to see that we could choose any grade level in any subject area. I mentioned this was a customizable program, right? I assigned my 12 year old daughter sections to work on for 15 minutes a day, 3 days a week. This was a supplement her schooling. I chose sections I feel she needed reinforcement or drill work. The checklists under each tab make it easy. The process is simple – Bekah clicks on the subject tab and grade level, clicks on the skill I've assigned her, then follows the prompts on the screen. Sometimes it's a simple questions with a multiple choice answer. Sometimes there is a passage to read with a question based on the reading. Some exercises ask her to highlight the text that has a mistake or states the answer to the question. Immediately she is given feedback, with encouraging words and more information to further her knowledge. When she answers incorrectly, she shown where she made her mistake and then a similar question will recycle through at a later time, giving her opportunity to learn and master. She much prefers the "great job!" messages, though. The learning is fun when you can collect prizes, right? Students collect coins and awards, giving a visual of how much they've accomplished. I am usually cautious about using programs that give awards and prizes, making it all a game, but I was pleased with how IXL handles this. The reward is there, in a subtle but highly effective manner. After her 15 minutes of assigned work, she was free to poke around and explore anything on the site she wished. She quickly gravitated to the Spanish tab. I have been impressed by how much she's picked up from the introduction all ready, even with no previous experience learning Spanish. As the parent, I receive emails informing me of her progress. They tell me how many minutes she's worked, what goals she accomplished, award certificates, etc. I can track her progress through charts and graphs provided on the parent side of the website. I really like this integration because it gives me current data. I can monitor how well my daughter is doing and make note of areas she needs work as well as celebrate victory, without looking over her shoulder every moment. What we thought – I am impressed with IXL Learning. They provide a great way to reinforce learning. I do not see it as a full curriculum, but a supplement that will enhance our homeschool. Their website gives us straight forward drill work. I like that it is not gimmicky or cartoonish, but is still presented in a colorful and interesting way. Many online supplements we've tried have either leaned toward the childish or the boring. Not so with IXL. I plan to have Bekah continue her time on the website a few days per week, following the same pattern we've started. It has added some nice variety to her school day. IXL is not just for homeschooling families, though. a membership to their site will give any parent, teacher or caregiver access to tools that will strengthen knowledge and ecducation of children of all ages in school settings of all sorts as well as at home. Facebook Twitter Pinterest YouTube Many families on the Review Crew are using IXL Learning in their homeschools. Click on the image below to see how it's working for them! The 4-digit by 1-digit division worksheets for children in 4th grade and 5th grade help expand knowledge and intensify practice with an enormous collection of standard division problems and real-life word problems with and without remainders. Solve the division exercises, learn how to use multiplication to check the answer and decode riddles as well. Some of these worksheets can be accessed free. Division using Grids Divide 4-digit numbers by 1-digit numbers presented on the grids and determine the quotient. Standard Division | With or Without Remainder Allow 4th grade and 5th grade children to perform division operations on 4-digit numbers with 1-digit whole numbers. Find the quotient of each problem that may or may not result in a remainder. Divide and Check Comprehend how multiplication can be used to quickly verify answers to division exercises with this bundle of division worksheet pdfs. Fill in the Missing Digits Watch grade 5 students complete the process of long division for each 4-digit by 1-digit division problem by plugging in the missing numbers. Division Riddles Wrap up 4-digit by 1-digit division practice with a little fun. Instruct children to divide the numbers and match letters to the given numbers and decode the answer to a riddle in each printable worksheet. Get 150+ Free Math Worksheets! 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When I find that someone can learn something from my articles, this gives a lot of inspiration. hopefully, you will find interest in my article, if you have a child and want to teach them math with fun. Printable "Division" Worksheets: Divide 2-digit by 1-digit (eg. 74 ÷ 3) Divide 3-digit by 1-digit (eg. 576 ÷ 5) Divide 4-digit by 1-digit (eg. 3,870 ÷ 4) Division with Zeros in the Quotient Divide 4-digit by 1-digit Worksheets In these free math worksheets, you will practice dividing a 4-digit number by a 1-digit number using long division. You will also practice solving division word problems. You can either print the worksheets (pdf) or practice online. There are 4 sets of worksheets: Divide 4-digit by 1-digit (3-digit quotient, no remainder). Divide 4-digit by 1-digit (3-digit quotient, with remainder). Divide 4-digit by 1-digit (3-digit quotient, with or without remainder). Divide 4-digit by 1-digit (3-digit or 4-digit quotient). How to divide a 4-digit number by a 1-digit number? These are the steps to divide a 4-digit number by a 1-digit number using long division. Step 1: Write the dividend (the number being divided) and divisor (the number we're dividing by) in the long division format, with the dividend inside the division bracket and the divisor outside the division bracket. Step 2: Work on the dividend from left to right. Determine how many times the divisor can go into the first digit of the dividend without exceeding it. (Use the multiplication facts to help you). Step 3: If the divisor is larger than the first digit, divide the first two digits of the dividend by the divisor. Step 4: Write the quotient above the dividend. Step 5: Multiply the quotient by the divisor to get the product. Write the product beneath the dividend. Step 6: Subtract the product from the dividend. Step 7: Bring down the next digit. Step 8: Repeat the process until the dividend is less than the divisor. Step 9: The final answer is the quotient plus any remainder (if there is one). Step 10: Check your quotient and remainder by using multiplication and addition. Quotient × Divisor + Remainder = Dividend. Have a look at this video if you need to review how to divide a 4-digit number by a 1-digit number. Dividing 4-Digit Numbers by 1-Digit Numbers | Long Division Click on the following worksheet to get a printable pdf document. Scroll down the page for more Divide 4-digit by 1-digit Worksheets. More Divide 4-digit by 1-digit Worksheets Printable (Answers are on the second page) Divide 4-digit by 1-digit (3-digit quotient, no remainder) Divide 4-digit by 1-digit (3-digit quotient, with remainder) Divide 4-digit by 1-digit (3-digit quotient, with or without remainder) Divide 4-digit by 1-digit Worksheet #1 (3-digit or 4-digit quotient) Divide 4-digit by 1-digit Worksheet #2 (3-digit or 4-digit quotient) Online 3 digits ÷ 1 digit, with remainder Division Word Problems The post office had an equal number of each of 4 types of stamps. There were a total of 1,784 stamps. How many of each type of stamp did the post office have? A truck has four crates of apples. Each crate has an equal number of apples. Altogether, the truck is carrying 1,728 apples. How many apples are in three crates? 2,365 books were donated to an elementary school. If 5 classrooms shared the books equally, how many books did each class receive? If 1,503 kilograms of rice was packed in sacks weighing 3 kilograms each, how many sacks were packed? Rita made 5 batches of cookies. There were a total of 2,400 cookies. If there were the same number of cookies in each batch, how many cookies were in 4 batches? 1,188 kilograms of rice are divided into 7 sacks.'How many kilograms of rice are in each sacks of rice? How many kilograms of rice remain? Every day, Sarah drives the same distance to work and back home. If Sarah drove 1,000 miles in 5 days, how far did Sarah drive in 3 days? 4,000 pencils were donated to an elementary school. If 8 classrooms shared the pencils equally, how many pencils did each class receive? 2,008 kilograms of potatoes were packed into sacks weighing 8 kilograms each. How many sacks were packed? Samantha ran 3,003 meters in 7 days. If she ran the same distance each day, how far did Samantha run in 3 days? Division Word Problems (Online Worksheet & Answers) Divide 4-digit by 1-digit Lesson 3 digits ÷ 1 digit, no remainder 1 digit ÷ 1 digit, with remainder (Sprint) 2 digits ÷ 1 digit, with remainder 3 digits ÷ 1 digit, with remainder More Printable Worksheets Try out our new and fun Fraction Concoction Game. Add and subtract fractions to make exciting fraction concoctions following a recipe. There are four levels of difficulty: Easy, medium, hard and insane. Practice the basics of fraction addition and subtraction or challenge yourself with the insane level. We welcome your feedback, comments and questions about this site or page. Please submit your feedback or enquiries via our Feedback page.