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4th grade math games

Tug Team Multiplication - Learning Connections Essential Skills Mental Math - multiply numbers by memory or through other efficient methods Problem Solving - match multiplication expressions with the correct products Common Core Connection for 3rd Grade Determine the unknown whole number in a multiplication equation ($4 \times 6 = ?$). Apply properties of operations as strategies to multiply. Know from memory all products of two one-digit numbers. More Math Games to Play These free math games for Grade 4 teach kids addition, subtraction, multiplication and division. Our young mathematicians can work on improving their math problem solving skills as they find their way through each maths puzzle. So, when you need a quick, easy (and quiet!) activity for your kids, here are online math games for grade 4. October 29, 2024 Overall, this app is well-made. I don't hate anything about it except one thing. The pricing every month! It makes no sense, \$50 for what?! When I first got the free trial and it was coming to and end, I didn't bother to end it because I knew, at least I thought I knew it was going to be atleast \$10 every week, but until it paid by itself. \$50 disappeared out of my bank account, I canceled the subscription but that did not matter the money was gone, I checked my purchases and it said the AdaptedMind subscription was \$50! Please fix your pricing Adapted Mind. Continue reading 381 skills 69 lessons 355 videos 62 games Make learning fun with IXL's interactive fourth grade math games! Advertisement | Go Ad-Free! Grade 4 Math Games Game Spotlight: Division Derby Advertisement | Go Ad-Free! Multiplayer Math Games Advertisement | Go Ad-Free! Operations and Algebraic Thinking Advertisement | Go Ad-Free! Advertisement | Go Ad-Free! Advertisement | Go Ad-Free! Number and Operations in Base Ten Advertisement | Go Ad-Free! Number and Operations with Fractions Measurement and Data Geometry Super Math Puzzles Logic and Problem Solving Games Fourth grade math brings lots of new challenges, like division with remainders and decimals. Kids also spend a lot of time with fractions and place value. Teach all these concepts and more with these free and fun fourth grade math games! 1. Play missing factor bingo Prepare kids for algebraic thinking by tackling missing factor equations. Playing bingo with these free printable boards is a fun way to do it! Learn more: Math Geek Mama/Missing Factor Bingo 2. Guess equivalent fractions with Fat Rat This is sort of like hangman, but with equivalent fractions and a cute rat! As kids try to guess the numbers that fit in each box, each missed guess earns them one more piece of the "fat rat." Learn more: @resource_source 3. Sort equivalent and non-equivalent fractions This is an easy one to set up, and the rules are simple. Kids simply sort the cards by whether the fractions on them are equivalent or not. Tip: Have them use a whiteboard to reduce fractions and check their answers. Learn more: @4theloveofteaching 4. Build and measure polygons Students roll a die and take a corresponding number of tiles, then assemble them into a polygon. After each turn, they calculate the perimeter of their new shape, aiming for a total of exactly 24. Learn more: Ashleigh's Education Journey/Perimeter Game 5. Make division fun with Remainders Wanted Fourth grade math students learn to divide larger numbers, often with remainders. In this game, the remainder is the goal For each turn, students place a counter over a number on the board, then roll the die to see what number they'll be dividing it by. The remainder is their score for that turn. Learn more: Teacher Scout Mom 6. Give them a heads up with Factor Frenzy Headbands Kids use dollar store headbands to hold cards showing multiplication products to their foreheads. Their partners try to get them to guess the number by telling them the factors without saying the number itself. Learn more: Teaching With a Mountain View 7. Strategize to win the Factor Game Write the numbers from 1 to 30 as shown. The first player marks a number (their score for that round). The second player then marks all the remaining factors of that number (which add up to their score for that round). Play continues until all numbers are marked. Learn more: Cognitive Cardio Math/The Factor Game 8. Introduce patterns by asking "What do you notice?" Lay out a pattern problem and ask students to write down what they notice about it on sticky notes. Collect and talk about the notes to see which are helpful in finding the right number to fit the pattern. Award points to correct answers, if you like. Learn more: Family Math Night 9. Guess, then deduce with Number Pattern Solver Draw a circle and set a number range, then tell fourth grade math students you have a pattern in mind. As they begin guessing numbers, write them inside the circle if they fit the pattern, and outside if they don't. At first, they'll just be guessing, but eventually, they'll start to see a pattern emerge. Learn more: Education.com 10. Toss LEGO bricks for place value practice WeAreTeachers LEGO bricks really are ideal for place value activities. Toss the bricks onto a homemade target with rings to represent ones, tens, and so on. Count the studs of each brick that lands on a place value ring, then add them up to get your final number. 11. Build a number, including decimals Kids select some number cards, then try to meet a series of challenges like making the largest number they can. Add in a decimal card to up the complexity of the game. Learn more: Mathwire.com 12. Roll to win Place Value Yahtzee These free printable Place Value Yahtzee boards include differentiated versions for various skill levels. Add some dice, and you're ready to play! Learn more: Games 4 Gains/Place Value Yahtzee 13. Use playing cards to practice decimal place values Fourth grade math students take turns drawing cards, competing to build the highest possible number to the thousandths place. Learn more: Games 4 Gains/Playing Card Decimals 14. Stack cards to learn expanded form Grab the free printable cards, then have kids roll the dice and choose a card that matches. They build the numbers on the included worksheet to get the total. For extra practice, have them write out the word names too. Learn more: Kids Activities Blog 15. Have a rounding practice snowball fight Up for a little controlled chaos in the classroom? Write one number on each sheet of paper, underlining the place it should be rounded to. Pass out a few sheets per student, and have them crumple them up into "snowballs." Allow a 30-second safe "snowball fight," then have each student pick up a snowball and read the number out loud, rounding it correctly. Repeat! Learn more: Tales From a Fourth Grade Math Nut 16. Multiply large numbers to get Three in a Row Fourth grade math students work on multi-digit multiplication by choosing one number from box A and one from box B. They multiply them together, while their partner checks their answer on a calculator. If they get it right, they place a marker on the free printable board. The goal is to get three spots in a row. (Savvy players will use rounding to determine which numbers to pick next!) Learn more: The Polka-Dotted Teacher 17. Hold a Quotient Tournament Division problems go head-to-head to see which has the larger quotient. Students use the answer for each to complete the bracket for the next round. Learn more: Education.com/Quotient Tournament 18. Give Spoons an equivalent fraction twist Games 4 Gains/Spoons via games4gains.com Spoons is a classic and beloved card game where players race to match four-of-a-kind and grab a spoon in each round. In this version, they're racing to match equivalent fractions (get some free printable cards to use at the link). Learn more: Games 4 Gains/Spoons 19. Get those fractions in order Students draw fraction cards, swapping them out to build a series of four in ascending order. Learn how it works at the link. Learn more: Math Geek Mama/Comparing Fractions 20. Declare a fraction war with dominoes Each student draws a domino and positions it as a fraction. Then they compare the two to see whose is larger. The winning student keeps both dominoes. (See more cool ways to use dominoes for fraction games at the link.) Learn more: Runde's Room 21. Connect fractions to learn and win Repurpose a Connect Four set to play fraction games! The goal is to match not only your colors but the fractions themselves. For instance, you need four one-fourths in a row but only three one-thirds, so there's strategy involved too. Learn more: No Time for Flash Cards 22. Draw fractions without using numbers Can you draw a fraction—without using any numbers? That's the challenge of this fractions game. Kids can draw single objects divided to represent fractions or be more creative. For example, they might draw three apples and two oranges to represent three-fifths. Learn more: E Is for Explore/Fraction Pictionary 23. Line kids up for decimal practice Get fourth grade math students up and moving by assigning them numbers. Draw a six-digit number card, and have another student help them line up by saying things like, "The 9 is in the hundreds place." Once they're in line, ask some follow-up questions to confirm understanding. Learn more at the link. Learn more: Two Sisters Teach 24. Use plastic eggs to match up fractions and decimals Snag some plastic eggs from the dollar store and write fractions on one half and equivalent decimals on the other. Kids work to match them up. Learn more: Pinterest 25. Convert decimals to fractions with Decimal Dice Think of this kind of like Yahtzee with a decimal spin. Learn the rules at the link, and give it a try with your students. Learn more: Cognitive Cardio Math/Decimal Dice 26. Battle with area and perimeter to fill a graph page Roll the dice to see the dimensions of your next rectangle, then mark it on the board. Try to fill your page completely before your partner does! (Have students write the area and perimeter in each block for practice along the way.) Learn more: Unschooling Conversations 27. Go on a measurement scavenger hunt Arm kids with measurement tools, then send them off to find objects that match the free printable challenge cards. Once they find it, they also need to convert the measurement within the same system (such as inches to feet). Learn more: 123 Homeschool 4 Me 28. Compete at Geometry Bingo Fourth grade math students are learning terms like line, ray, and types of angles. This free printable bingo game is a fun way to do it! Learn more: You've Got This Math 29. Tape off your tables for protractor practice Use dry-erase markers and masking tape to give students lots of angles to explore and measure! If you can't write on your tables, try using a big piece of butcher paper instead. Learn more: @simplystainedclassroom 30. Fold shapes to discover symmetry Break students into groups and hand out a series of paper shapes. Challenge each group to experiment with folding their shapes to see which are symmetrical and how many lines of symmetry they have. Learn more: Teacher Trap Need some additional fourth grade ideas? Check out the best 4th grade science experiments and activities. Plus, get all the latest teaching tips and ideas when you sign up for our free newsletters! Geometry Measurement Time Money Graphing Addition Number Properties Counting Number Patterns Multiplication Division Mixed Equations Estimation Subtraction Fractions Decimals Comparison Algebra