Comparing numbers worksheets for grade 2 pdf

Worksheets > Math > Grade 2 > Place Value & Rounding > Comparing numbers Understanding location value is critical to understanding which numbers are greater than others. In these site value proposals, students compare numbers up to 100 or 1,000. Up to 100 Up to 1,000 Likes: Hundreds, Tens and OnesOrdering number worksheets Welcome to the Math Salamanders Comparison number hub page. Here you will find online math help and support to help you compare different numbers, including decimals and fractions. There are also links to a variety of ordering and comparing speech worksheets that will help your child understand whether to compare and order different numbers and quantities. These sheets will complement and hopefully add to your child's knowledge and understanding of location value and numbering system. This page contains links to other Math web pages where you will find a range of activities and resources. If you can't find what you're looking for, try searching your site using the Google search box at the top of each page. Do you need to compare numbers to 100, 1000 or 10000? Are you trying to compare negative numbers? Looking to compare fractions or decimals? This page will help you understand everything about comparing numbers and order numbers! Here is our generator to generate your own larger than smaller than spreadsheet. Our generator will create the following spreadsheets: numbers up to 8 digits figures up to 3dp. positive and negative numbers Greater than smaller than worksheets When comparing numbers, it is important to know the value of the most significant number in each of the numbers. This will tell you how big each number is. The most significant figure is the first non-zero number number has. The number with the largest value most significant number will be the larger number, unless it is a negative number. In the number 2318, the most significant number is 2, which has the value in 2000. In the number 74.39, the most significant number is '7' with a value of 70. In the number 0.0825, the most significant number is '8' with a value of 0.08. If the two numbers are both positive integers (full numbers) then looking at the number of numbers the number number has will show you which is larger. We often use the symbols > < and = when comparing numbers. Using the symbols > < and = Take 2 numbers a and b a > b means a is greater than b; a < b means a is less than b; a = b meas a is equal to (or has the same value as)b. Example 137 > 129 means that 137 is greater than 129 65 < 72 means that 65 is less than 72 27 = 20+7 means that 27 has the same value as 20+7 Our simplest sheets look at comparative numbers up to 10. At this stage we use words that most, at least, largest, smallest, equal to, greater than and less than. In addition to comparing numbers, we also compare the number of things. Compare numbers and size Compare Number Worksheet with 10 When comparing numbers up to 100, you need to look at the value of the ten's number (if not number is 100). The figure with the larger ten figure will be the larger number, because the ten number will be the most significant figure. The only exception is if any of the numbers are negative – in any case, look at the comparative negative number section. If the numbers have the same tior figure, then look at the numbers and see which is more. Example 82 > 68 means this 82 is greater than 68 49 < 71 this means 49 is less than 71 92 > 78 this means 92 is greater than 78 When comparing numbers up to 1000, you need to look at the value of hundreds of digits (unless the number is 1000). The number with the larger hundreds of digits will be the larger number, because the hundreds of digits will be the most important number. If the numbers have the same hundreds of digits, then look at the ten number next and see which is more. If the numbers have the same hundreds and tens of numbers, then look at the numbers to find out which one is bigger. Example 672 > 594 means this 672 is greater than 594the 1st number has a higher hundreds of digit so it is larger. 386 < 391 this means 386 is less than 391the hundreds of digits are the same, so we're looking at tens of numbers. The 2nd number has the higher tens of digits. 102 > 97 this means 102 is larger than the 97the 1st number has a hundreds of digits, the 2nd number has no hundreds. Ordering Numbers up to 3 digits Compare Numbers up to 3 digits Worksheet When comparing numbers up to 10,000, you need to look at the value of the thousands digit (unless the number is 10,000). The number with the larger thousand digit will be the larger number, because the thousands of digits will be the most significant number. If the numbers have the same thousands of numbers, then look at the hundreds of numbers next and see which is more. If the numbers have the same hundreds of numbers, then look at the ten number to find out which is bigger, and so on. Example 4263 > 4193 the thousands of digits are the same, but the 1st number has a larger hundreds of digits. 7826 < 9014 the 1st number thousands of digits is 7, the 2nd number is 9. 1407 < 1423 the thousands and hundreds of digits are the same, but the 2nd number has a higer tens of digits. Ordering The Number to 10,000 Ark in this section, your child will help your child practice and master order numbers and compare numbers with 5 and 6 digits. There is a range of ordering and comparing spreadsheets as well as some challenges for more competent students to test master. 4th class Place Value Order 5 & 6 Digits Sheets on this page is all about ordering LARGE numbers up to 100 million. There are a range of ordering and comparing worksheets as well as some BIG numbers challenges for able mathematicians. Ordering large numbers up to 100 million How to compare negative numbers When you compare with negative numbers, everything swaps around and gets a little more complicated! With negative numbers, the more negative is the lower the value it is. As you go right along the number line, the values increase. When you go left the number line reduces the values. This means that any positive number (or even zero) will always be greater than any negative number. Examples 0 > -3 this means 0 is greater than -3 -8 < -5 this means -8 is less than -5 -27 > -30 this means -27 is greater than -30 -26 < 2 this means -26 is less than 2 Negative Numbers -10 to 10 How to Decimal Compares When you are comparing decimals, you need to look carefully at the value of the most significant digit! The most significant digit in each decimal below is marked with an arrow. This means that a decimal like 0.7 is greater than 0.65 because the most significant digit is worth more. Examples 1.24 > 0.86 this means 0.84 is greater than 0.86 0.35 < 0.5 this means 0.35 is less than 0.5 0.7 > 0.586 this means 0.7 is greater than 0.586 2.69 < 2.8 this means 2.69 is less than 2.8 0.1 > 0.0725 this means 0.1 is greater than 0.0725 There are 2 different ways to compare fractions: by converting to decimals, and by converting to like denominators. If you have a calculator, you can use method 1, which is the easiest. If you do not have a calculator, use Method 2. How to compare 2 fractions - Method 1 Step 1) Take your two fractions and convert them both to decimal places by dividing the numerator by the denominator. Step 2) Compare the two decimal places to see which one is larger. Example Which is larger 3/7 or 2/5? Step 1) Change both fractions to decimal places: 3/7 = 3 ÷ 7 ≈ 0.43 2/5 = 2 ÷ 5 = 0.4 Step 2) Compare the decimal places: 0.43 > 0.4 so 3/7 is greater than 2/5 The other way to compare 2 fractions - with similar denominators. How to compare 2 fractions - Method 2 Step 1) Take your two fractions and convert them both into equivalent fractions with the same denominator. Step 2) Compare the two numerators to see which one is larger. Example Which is greater 5/6 or 7/8? Step 1) Change both fractions to equivalent fractions with the same denominator. We must multiply the numerator of each fraction with the other factions denominator. 5/6 becomes 5x8/6x8 = 40/48 7/8 becomes 7x6/8x6 = 42/48 Step 2) Compare the two numerator Now that the denominators are the same, we can compare the 2 numerators. 40 is less than 42 so 5/6 is less than 7/8 Equivalent Fraction worksheet How to print or Save these sheets Need help with printing or saving? Follow these 3 easy steps to get your worksheets printed perfectly! How to Print or Save These Sheets Do you need help printing or saving? Follow these 3 easy steps to get your worksheets printed perfectly! The Math Salamanders hope you enjoy using these free printable Math worksheets and all our other Math games and resources. We welcome any comments about our site or spreadsheet on the Facebook comments box at the bottom of each page. Page 2 Welcome to our page 2 Digit Multiplication Worksheets. We have plenty of worksheets on this page to help you practice the skills of multiplying 2-digit numbers by 1 or 2 We've shared the worksheets on this page page two sections: 2-digit x 1-digit multiplication (3rd grade) 2-digit x 2-digit multiplication (4th grade) Each section ends with some trickier challenge sheets for more competent students. Within each section, the sheets are carefully graded with the simplest sheets first. These sheets are aimed at 3rd graders. Sheets 1 to 4 consist of 15 problems; sheets 5 and 6 consist of 20 problems. Sheets 1 and 2 mean multiplying 2-digit numbers by 2, 3, 4, or 5. Sheets 3 through 6 mean multiplying a 2-digit number by single digits and finding increasingly difficult products. These 2-digit multiplication proposals have been designed for more competent students who need that extra challenge! These sheets are aimed at 4th graders. Sheet 1 means 2-digit with 2-digit multiplication with smaller numbers and answers up to 1000. Sheets 2 through 4 have more difficult 2-digit numbers to multiply and answers that are generally greater than 1000. These 2-digit multiplication proposals have been designed for more competent students who need that extra challenge! We have more 2-digit multiplication worksheets, including 2-digit x 3-digit multiplication problems on this page. More Double Digit Multiplication Worksheets (Harder) Take a look at a few more of our worksheets similar to these. Do you need to create your own long or short multiplication worksheet scan scantly and easily? Our Multiplication spreadsheet generator allows you to create your own custom spreadsheets to print, complete with answers. Here you will find a series of Multiplication Worksheets to help you become more fluid and accurate with your tables. Using these sheets will help your child to: learn their multiplication tables up to 10 x 10; understand and use different models of multiplication; solve a number of multiplication problems. All free 3rd Grade Math Worksheets in this section are informed by elementary Math Benchmarks for 3rd Grade. Here you will find a range of Free Printable Multiplication Games to help kids learn their multiplication facts. Using these games will help your child learn their multiplication facts to 5x5 or 10x10, and also to develop their memory and strategic thinking skills. Multiplication Math Games How to Print or Save These Sheets Do You Need Help With Printing or Saving? Follow these 3 easy steps to get your worksheets printed perfectly! How to Print or Save These Sheets Do you need help printing or saving? Follow these 3 easy steps to get your worksheets printed perfectly! The Math Salamanders hope you enjoy using these free printable Math worksheets and all our other Math games and resources. We welcome any comments about our site or spreadsheet on the Facebook comments box at the bottom of each page. Page.