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Are you looking for free percentage worksheets to give you or your students additional practice with percents? We have a wonderful assortment of percent worksheets to give your students plenty of of skill-based practice, along with examples that support each set of problems. Each set of percent problems can be solved using a variety of strategies. You can encourage your students to find the percent of a number by solving an equation, setting up a proportion, or doing some simple calculations. It's up to you! These worksheets will also help develop skills like finding the percent of a number and converting fractions into percents. Don't waste any more time, check these out! Online Practice Calculating the Percent of a Number 1 - Save paper and practice number sense and conversion skills with the awesome imathworksheet. Click below for free online practice converting percentages. You can even print results or embed this worksheet on your website. Online Practice Calculating the Percent of a Number | imathworksheet Online Practice Calculating the Percent of a Number 2 - Online Practice Calculating the Percent of a Number 2 | imathworksheet Percentage Worksheet 1 - Here is a fifteen problem worksheet that will help you practice finding the percent of a number (e.g. "Find 10% of 320"). The answers are all whole numbers, so that you can focus on building your percent skills. Percentage Worksheet 1 RTF Percentage Worksheet 1 PDF Preview Percentage Worksheet 1 in Your Browser View Answers Percentage Worksheet 2 - Here is another fifteen problem worksheet on finding the percent of a number. This set is similar to Worksheet 1, but with a handful of decimals thrown into the mix. Percentage Worksheet 2 RTF Percentage Worksheet 2 PDF Preview Percentage Worksheet 2 in Your Browser View Answers Percentage Worksheet 3 - Here is a sixteen problem worksheet featuring questions like "10 is what percent of 40?" This set features only whole percents as answers and will turn you into an expert at converting fractions into percents. Percentage Worksheet 3 RTF Percentage Worksheet 3 PDF Preview Percentage Worksheet 3 in Your Browser View Answers Percentage Worksheet 4 - Here is another sixteen problem worksheet that will help you calculate questions like "20 is what percent of 80?" Like all of our worksheets, several examples are provided to get you started. Percentage Worksheet 4 RTF Percentage Worksheet 4 PDF Preview Percentage Worksheet 4 in Your Browser View Answers Percentage Worksheet 5 - Here is a sixteen problem "percent of a number" worksheet that will help you practice questions like "33 is what percent of 99?" Percentage Worksheet 5 RTF Percentage Worksheet 5 PDF Preview Percentage Worksheet 5 in Your Browser View Answers Percentage Worksheet 6 - Here is another sixteen problem "percent of a number" worksheet that will help you practice questions like "25 is what percent of 75?" Percentage Worksheet 6 RTF Percentage Worksheet 6 PDF Preview Percentage Worksheet 6 in Your Browser View Answers You are here: Home -> Worksheets -> Percentage Find here an unlimited supply of printable worksheets for calculating a given percentage of a number for grades 6-8, both as PDF and html files (html files are editable). Options include choosing the range for the percentage and for the base number, the number of decimal digits, limiting the percentage and the base number to a multiple of a certain number (the "step" option in the generator), font size, workspace, border, and more. For some extra practice, check out IXL's percent problems activity! Basic instructions for the worksheets Each worksheet is randomly generated and thus unique. The answer key is automatically generated and is placed on the second page of the file. You can generate the worksheets either in html or PDF format - both are easy to print. To get the PDF worksheet, simply push the button titled "Create PDF" or "Make PDF worksheet". To get the worksheet in html format, push the button "View in browser" or "Make html worksheet". This has the advantage that you can save the worksheet directly from your browser (choose File -> Save) and then edit it in Word or other word processing program. Sometimes the generated worksheet is not exactly what you want. Just try again! To get a different worksheet using the same options: PDF format: come back to this page and push the button again. Html format: simply refresh the worksheet page in your browser window. Please use the quick links below to generate some common types of worksheets as PDF or html files (in your browser). After you have generated a worksheet in your browser, you can refresh the page to get another worksheet with different problems but with the same options. You can also save the html worksheet to your device and then edit it in a word processor. Worksheets about percentages (for example, find what percentage 78 is of 123) Worksheets about converting percents into decimals (for example, write 56% as a decimal or write 0.392 as a percent) Free lessons on percent topics: Percentage of number worksheets generator Tip: Set the "step" for the percentage in the generator to be 10 or 25, and limit the range for the base to multiples of ten to create percent problems you can solve in your head, such as "Find 25% of 60 or find 60% of 900". Additional title & instructions (HTML allowed) Welcome to our Finding Percentage Worksheets. In this area, we have a selection of percentage worksheets for 6th graders designed to help children learn and practice finding percentages of numbers. Quicklinks to... Percentages are another area that children can find quite difficult. There are several key areas within percentages which need to be mastered in order. Our selection of percentage worksheets will help you to find percentages of numbers and amounts, as well as working out percentage increases and decreases and converting percentages to fractions or decimals. Key percentage facts: 50% = 0.5 = ½ 25% = 0.25 = ¼ 75% = 0.75 = ¾ 10% = 0.1 = 1/10 1% = 0.01 = 1/100 This page will help you learn to find the percentage of a given number. There is also a percentage calculator on the page to support you work through practice questions. How to find percentage of numbers support Here you will find a selection of worksheets on percentages designed to help your child understand how to work out percentages of different numbers. The sheets are graded so that the easier ones are at the top. The sheets have been split up into sections as follows: finding simple percentages 1%, 10%, 50% and 100%; finding multiples of 5%; finding any percentage of a number. The percentage worksheets have been designed for students in 6th grade, and all the sheets come with an answer sheet. These sheets are a great way to start off learning percentages. All the questions involve finding either 1%, 10%, 50% or 100% of different numbers. This short video walkthrough shows several problems from our Finding Percentages Worksheet 3 being solved and has been produced by the West Explains Best math channel. If you would like some support in solving the problems on these sheets, please check out the video below! Take a look at some more of our worksheets similar to these. Often when we are studying percentages, we look at them in the context of money. The sheets on this page are all about finding percentages of different amounts of money. Money Percentage Worksheets Once your child is confident finding percentages of a range of numbers, they can start using their knowledge to solve problems involving percentages. The worksheets in this section contain a range of percentage problems set in different contexts. Percentage Word Problems 5th Grade 6th Grade Percent Word Problems Take a look at our How to Work Out Percentage Increase/Decrease page. This page is all about finding the percentage increase or decrease between two numbers. We also have a percentage increase calculator that will work it all out for you at the click of a button. How to Work out the Percentage Increase or Decrease To convert a fraction to a percentage follows on simply from converting a fraction to a decimal. Simply divide the numerator by the denominator to give you the decimal form. Then multiply the result by 100 to change the decimal into a percentage. The printable learning fraction page below contains more support, examples and practice converting fractions to decimals. Converting Fractions to Percentages Convert Percent to Fraction Our online percentage practice zone gives you a chance to practice finding percentages of a range of numbers. You can choose your level of difficulty and test yourself with immediate feedback! Online Percentage Practice These quick quiz tests your understanding and skill at finding percentages of different amounts. We have two quizzes for you to test your skill with: a finding simple percentages quiz with 1%, 10%, 50% and 100% of different amounts a finding harder percentages quiz with a range of percentages of different amounts. 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 for 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. Calculating the percentage value of a number involves a little bit of multiplication. One should be familiar with decimal multiplication and decimal place value before working with percentage values. The percentage value needs to be converted to a decimal by dividing by 100. 18%, for example is 18 ÷ 100 = 0.18. When a question asks for a percentage value of a number, it is asking you to multiply the two numbers together. Example question: What is 18% of 2800? Answer: Convert 18% to a decimal and multiply by 2800. 2800 × 0.18 = 504. 504 is 18% of 2800. Calculating the Percentage Value (Whole Number Results) Calculating the Percentage Value (Decimal Number Results) Calculating the Percentage Value (Whole Dollar Results) Calculating the Percentage Value (Decimal Dollar Results) Calculating what percentage one number is of another number is the second common type of percentage calculation. In this case, division is required followed by converting the decimal to a percentage. If the first number is 100% of the value, the second number will also be 100% if the two numbers are equal; however, this isn't usually the case. If the second number is less than the first number, the second number is less than 100%. If the second number is greater than the first number, the second number is greater than 100%. A simple example is: What percentage of 10 is 6? Because 6 is less than 10, it must also be less than 100% of 10. To calculate, divide 6 by 10 to get 0.6; then convert 0.6 to a percentage by multiplying by 100. 0.6 × 100 = 60%. Therefore, 6 is 60% of 10. Example question: What percentage of 3700 is 2479? First, recognize that 2479 is less than 3700, so the percentage value must also be less than 100%. Divide 2479 by 3700 and multiply by 100. 2479 ÷ 3700 × 100 = 67%. Calculating the Percentage a Whole Number is of Another Whole Number Calculating the Percentage a Decimal Number is of a Whole Number Calculating the Percentage a Whole Dollar Amount is of Another Whole Dollar Amount Calculating the Percentage a Decimal Dollar Amount is of a Whole Dollar Amount The third type of percentage calculation involves calculating the original amount from the percentage value and the percentage. The process involved here is the reverse of calculating the percentage value of a number. To get 10% of 100, for example, multiply 100 × 0.10 = 10. To reverse this process, divide 10 by 0.10 to get 100. 10 ÷ 0.10 = 100. Example question: 4066 is 95% of what original amount? To calculate 4066 in the first place, a number was multiplied by 0.95 to get 4066. To reverse this process, divide to get the original number. In this case, 4066 ÷ 0.95 = 4280. Calculating the Original Amount from a Whole Number Result and a Percentage Calculating the Original Amount from a Decimal Number Result and a Percentage Calculating the Original Amount from a Whole Dollar Result and a Percentage Calculating the Original Amount from a Decimal Dollar Result and a Percentage Mixed Percentage Calculations with Whole Number Percentage Values Mixed Percentage Calculations with Decimal Percentage Values Mixed Percentage Calculations with Whole Dollar Percentage Values Mixed Percentage Calculations with Decimal Dollar Percentage Values Percent of a Whole Number Each worksheet contains 14 problems for 6th grade and 7th-grade children to calculate the percentage of whole numbers. Percent of a Whole Enhance percent skills with these worksheets and guide children in calculating percentages of real-world measurements with units. Percent of a Decimal Number Raise the bar with these worksheets and task children with finding the percentage of a decimal number and rounding to the nearest hundredth. Percent on a Number Line Number lines are provided in these PDFs, students must fill in the appropriate percentages or numbers. Finding Percentages Assess skills in finding percentages efficiently with this set of worksheets for grade 6 and grade 7 students. Finding the Value of the Unknown Direct children to read each question, find the missing percentages, base values, or amounts, and round the answers to the nearest hundredth. Percent Error Practice finding the difference between an estimate and the exact value in the form of a percentage in this section of our percent error worksheets.