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# Decimal word problems worksheet

Name _____	Date _____																																				
<b>PROBLEM SOLVING - GREAT WINGED WONDERS</b>																																					
<b>(METRIC UNITS)</b>																																					
																																					
<p>Below are some of the birds with the largest wingspans on the planet. Have a look at them carefully and then answer the questions.</p>																																					
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Bird</th> <th>Wingspan (m)</th> <th>Nearest m</th> <th>Order of wingspan</th> </tr> </thead> <tbody> <tr><td>Albatross</td><td>3.72</td><td>4</td><td>1</td></tr> <tr><td>Andean condor</td><td>3.20</td><td></td><td></td></tr> <tr><td>Bearded vulture</td><td>2.83</td><td></td><td></td></tr> <tr><td>Golden eagle</td><td></td><td></td><td></td></tr> <tr><td>Great white pelican</td><td>3.60</td><td></td><td></td></tr> <tr><td>White stork</td><td>1.80</td><td></td><td></td></tr> <tr><td>Whooper swan</td><td></td><td></td><td></td></tr> <tr><td>Whooping crane</td><td>2.29</td><td></td><td></td></tr> </tbody> </table>		Bird	Wingspan (m)	Nearest m	Order of wingspan	Albatross	3.72	4	1	Andean condor	3.20			Bearded vulture	2.83			Golden eagle				Great white pelican	3.60			White stork	1.80			Whooper swan				Whooping crane	2.29		
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1) Use the facts below to fill in the missing information:

- The wingspan of the golden eagle is 33cm shorter than the bearded vulture.
- The wingspan of the whooper swan is 48cm longer than the whooping crane.

2) Round the wingspans to the nearest metre, and then fill in the column on the table.

3) Put the wingspans in the correct order from largest (1) to smallest (8).

4) How much longer is the wingspan of the great white pelican compared to the white stork? \_\_\_\_\_ cm

5) How much shorter is the wingspan of the whooping crane than the bearded vulture? \_\_\_\_\_ cm



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Name: \_\_\_\_\_

## Decimals

Add/Sub:S1

1) The state of Michigan recorded an all-time high snowfall of 355.9 inches during the winter of 1978-79. Its lowest snowfall of 81.3 inches was recorded during the winter of 1930-31. How much more snowfall did Michigan receive during the winter of 1978-79 than in 1930-31?

\_\_\_\_\_

2) Eric, a fitness enthusiast, visits a store and buys a Fitness Tracker for \$84.99 and a Heart Rate Bracelet Monitor for \$44.99. How much does Eric spend in all on his purchase?

\_\_\_\_\_

3) A one-year subscription of a science magazine costs \$37.00. If you were to buy 12 issues of the same magazine from a newsstand for a year, you would end up spending \$72.88. How much will you save by opting for a subscription?

\_\_\_\_\_

4) Sally used 8.74 inches of ribbon to make a bow for her hairband and another 12.32 inches to make a bow for her hat. Determine the total length of ribbon used to make the bows.

\_\_\_\_\_

5) The Cooper family owns a luxury sedan and a compact car. The fuel tank capacity of the luxury sedan is 22.45 gallons and that of the compact car is 8.7 gallons. Find the difference in the fuel tank capacities of the two cars.

\_\_\_\_\_

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Word Problems: Decimals

Addition (2+ decimal places)

Solve the word problems. Please show all of your work. Use labels in your answers.

1) Karina went shopping today for an outfit. The jeans she bought were \$34.56, the shirt she bought was \$23.89 and the shoes were priced at \$56.87. How much did she spend on her outfit?

2) Nina and two of her friends go to dinner. Nina's plate costs \$14.56, Lauren's plate costs \$12.39, and Brittany's plate costs \$15.63. Nina, feeling nice, decides to pay for the whole dinner. How much money is Nina going to spend?

3) Henry has \$37.18 and receives \$6.87 from his allowance. How much money does Henry have now?

4) Dora went to the grocery store and spent \$59.45 on fruits and vegetables and now has \$13.73 left. How much money did Dora have to begin with?

5) Edgar went out to buy an expensive television. He got it on credit so he has to make payments of \$30.45 each month. He also bought two movies that cost him \$23.35 each. How much will his credit card bill be at the end of that month, with those three purchases?

Time Started: \_\_\_\_\_ Time Completed: \_\_\_\_\_ Speed: \_\_\_\_\_  
Time to Finish: \_\_\_\_\_ Accuracy: \_\_\_\_\_  100%Mastered  80-99%Mastered  <80%Needs practice  
Number correct: /5 = %  100%Mastered  80-99%Mastered  <80%Needs practice

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Name: _____	Date: _____
<b>Fraction word problems (unit fraction)</b>	
Grade 5 Word Problems Worksheet	
<p>1. A baker is making croissants. He has 18 pounds of dough. Each croissant is made from <math>\frac{1}{2}</math> pounds of dough. How many croissants can he make?</p>	
<p>2. The kitchen assistant is helping the chef to serve soup. The chef made 3 pots of soup and the assistant is adding 2 cups of cream to each pot of soup. If each cup contains <math>\frac{1}{4}</math> cups of cream. How many bowls of soup can the assistant help prepare?</p>	
<p>3. According to the food label on a box of cookies, each box has 16 servings and each serving contains 4 cookies. The weight of the box of cookies is <math>\frac{1}{2}</math> kilograms. What is the weight of each cookie?</p>	
	
<small>Reading and Math for K-5 © www.edbooster.com</small>	

## Decimal Word Problems

Did you know that you encounter math word problems every day? When you ask how much longer until dinner – you are asking to find the difference between the current time and the time dinner starts. When you think about how much the two toys you want cost – you are adding up the two amounts. When you decide how many bags of chips to buy for the people at your party – you are dividing up a bag of chips among a certain number of people.

### **THERE ARE THREE BASIC STEPS:**

**Step 1:** Highlight the important information. This would include the amounts provided as well as the end goal.

**Step 2:** Determine the operation: add, subtract, multiply, or divide.

**Step 3:** Solve.

## STEP ONE:

Begin by reading the problem carefully. Take your time – there is no need to rush. If you are having difficulty figuring out what is happening in the problem, change the names to people you know or use yourself as the main person in the problem. Highlight or underline the important information.

#### **STEP TWO**

Addition Words & Phrases	Subtraction Words & Phrases
--------------------------	-----------------------------

Remember to  
table below.

Addition Words & Phrases				Subtraction Words & Phrases			
Sum	Add	Both	Altogether	Difference	Fewer	Decrease	Subtract
Total	In all	Increase	Combined	Left	Less	Minus	Remains
		Plus				Take away	
Multiplication Words & Phrases				Division Words & Phrases			
Times	Rate	Each	Product of	Equal shares	Split	Half	Parts
Double	Triple	Of	Multipled by	Into	Quotient	Divided by	Out of
					Ratio of	Separated	

Solve. Take your

subtracting, don't forget to line up the decimal points. When multiplying and dividing, make sure you count the correct number of decimal places and remember to change your divisor to a whole number if needed.



and grade 7 stronger children in the execution of the multiplication and division operation. The 5th year students should find the product and check their response using the response key provided on the second page. The green box is 1.26 kg and the red box is 1.026 kg. In this page, you will find spreadsheets about multiplication and decimal division, multiplication and division of decimals by whole numbers, multiplication and decimal division by powers of ten and by powers of 0.1; Division of decimal and rounding, problems of words about multiplication and decimal division and so on. If your fuel tank holds 10.45 galões, then until where can it travel in a complete tank of gás? Solution: Amount of fuel in the tank = 10.45 gallons \* number of miles traveled by the car by Milan  $\frac{29.7}{10.45} = 310.365$  Miles of Covered Miles. Question 5: Aaron marked 452.65 marks of 600 in Final exam. Multiplying decimals entire numbers reduce chaos and improve clarity in their decimal multiplication ability using this collection of spreadsheets not prepared. Matemotics and visual curriculum spreadsheets These grade 5 mathemetick word problems involve the additions, subtracting and multiplication of decimal numbers with one or two decimal dies. Take these printable spreadsheets that help you reinforce the knowledge in adding and subtract decimals. If Ashley is making 4 lots of biscuits, how much does it need? Solution: Quantity need for 1 batch of cookie = 0.4 Cups \* Number of cookies in each batch  $\frac{0.4 \times 16}{16} = 6$  Xeals of Sugar. Question 2: Ashley found 2 sugar boxes in the kitchen. Our free to download, printable spreadsheets help you to practice mathematics concepts and improve your analysis and problem solving skills. We have 3 spreadsheets for each topic in the tutorial. If the rope length of one piece of rope  $\frac{63.45}{63.45 - 23.59} = 23.59$  mLength of another piece. Apart from the stuff given above, if you need any other stuff in math, please use our google custom search here. Which box contains more sugar? Solution: Quantity of sugar in green box  $\frac{1.26}{1.026} = 1.26$  kg. Quantity of sugar in red box  $\frac{1.026}{1.26} = 1.026$  kg. Comparing tenth place  $2 > 0$ . So, green box is having more sugar. Question 3: A student earns \$11.75 per hour for gardening. Kindly mail your feedback to [Av4formath@gmail.com](mailto:Av4formath@gmail.com). We always appreciate your feedback. She cut the rope into two pieces. Dividing Decimals Word Problems These division word problems require children to divide the decimals with the whole numbers. There are five word problems in each pdf worksheet. Welcome to the Multiply and Divide Decimals section at [Tutorialspoint.com](http://Tutorialspoint.com). Keep up with consistent practice and you'll fly high in the topic in no time! Question 1: Each batch of cookie mix need 0.4 cups of sugar, and each batch can make 16 cookies. Some problems may have more than 2 terms, include superfluous data or require the conversion of fractions with denominators of 10 or 100. Decimals: Multiplication and Division These decimal worksheets emphasize decimal multiplication and division. After two years, his weight increased by 109.85 kg. To practice Math skills, there is nothing more effective than solving worksheets.

similar to examples 1 to 4 above. Remind your children that 0.75 is 3 quarters. Three quarters divided by 3 is one quarter or 0.25. Example 5 of 8: Multi-step Money Word Problem. Talia is at the mall with her friends. She buys a DVD for {\$10.99}. The problems are created randomly. All of the worksheets come with an answer key on the 2nd page of the file. The worksheets are very customizable : you can choose the number of decimal digits used, the types of denominators (easy, powers of ten, or random), and whether to include improper fractions and mixed numbers or not. Word Problems. All Word Problems Finding all possibilities Logic Problems Ratio Word Problems ... To convert a fraction to a decimal, you need to understand that the fraction sign — and the division sign ÷ are actually the same! So in other words:  $\frac{a}{b}$ ; ... Comment. Subtraction Word Problems - 1 Worksheet. 1st; 1st grade; beginner; first grade; grade; grade 1; grade one; Grades; Graphing; Graphing - Picture Graph The problems are created randomly. All of the worksheets come with an answer key on the 2nd page of the file. The worksheets are very customizable : you can choose the number of decimal digits used, the types of denominators (easy, powers of ten, or random), and whether to include improper fractions and mixed numbers or not. Divide a decimal by a whole number (1 decimal digit) As above - missing dividend or divisor Divide a decimal by a whole number (1-2 decimal digits) As above - missing dividend or divisor. Divide decimals by decimals (Think of how many times the divisor fits into the dividend.) Mixed multiplication and division problems 1 (1 decimal digit) Percentage Word Problems Here you will find a selection of worksheets on percentages designed to help your child practise how to apply their knowledge to solve a range of percentage problems.. The sheets are graded so that the easier ones are at the top. These free equations and word problems worksheets will help your students practice writing and solving equations that match real-world story problems. Your students will write equations to match problems like "Kelly is 8 years younger than her sister. The sum of their ages is 44 years. How solve word problems using the compound interest formula, How to solve continuously compounded interest problems, and how to calculate the effective rate of return, Grade 9, with video lessons, examples and step-by-step solutions. 25/8/2021 · Go Math Grade 5 Answer Key Big Ideas Math Grade 5 Answers In 5th Grade Math Problems, we have explained all types of topics with solutions. Keeping in mind students' Worksheet for kindergarten to Grade 5. Topic. Lowercase alphabet tracing worksheets; Uppercase alphabet tracing worksheets

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