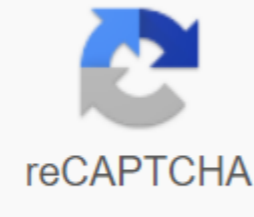I'm not robot

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Decimal division word problems grade

Recommendations Recs Recommendations Recs If you see this message, it means that we are having trouble downloading external resources on our site. If you're behind a web filter, please make sure the domains no.kastatic.org and no.kasandbox.org unlocked. Solve the questions asked in the sheet about the decimal word problem in your own space. This sheet contains a mixture of questions about decimal points related to the order of operations, i.e. addition, subtraction, multiplication and division.1 Aaron scored 452.65 scores out of 600 on the final exam. How many marks did he lose?2. Amy drank 0.87 litres of cold drink. Flora had 0.92 litres more cold drink. How much cold drink did Manu drink?3. The elephant weighed 218.99 kg. Two years later, its weight increased by 109.85 kg. 4. Katya had a rope of 63.45 m. She cuts the rope in two. If the length of one part was 23.59 m, what was the length of the other part?5. Each side of the conventional landfill is 5.2 m and the perimeter is 36.4 m. Find the number of sides of the landfill.6. It took Trichet 3.25 minutes to complete the race, and it took Rachel 3.207 minutes to complete the race. Who won the race?7. Annual precipitation in Arunachal Pradesh is 278.2 cm, and for Assam - 281.8 cm. Who received less precipitation?8. Sharon's height is 145.62 cm. It stands on an instrument 10.50 cm high. The milkman delivers 5.02 litres of milk to the house in the morning and 2,120 litres in the evening. What is the total amount of milk supplied by milk? 10. Rebecca's kite flies at an altitude of 17.2 m, and Shelley - at an altitude of 21.5 meters from the ground. Whose snake flies high and how much?11. The car passed 367.80 km in 6 hours. How long will it travel in 1 hour? 12. Ron ran 2.2 km, Mike ran 3.7 times more distance than Ron. Find the distance traveled by Mike.13. The daily consumption of milk in the house is 3.25 liters. How much milk will be consumed within 30 days? 14. Tin contains 18.5 liters of oil. How many of these tins contain 129.5 liters of oil? 15. Find the cost of 47.2 m fabric if the cost of 1m fabric is $33.90.16. Shruti bought the bag for $298.05. She gave the store owner two $200 bills. How much money will she give back?17. Tailor needs 35.25 m of fabric for shirts and 45.80 m for trousers. How much fabric does a tailor need in everything?18. The filament coil has a thread measuring 86.50 m. If the thread was cut 42.33 m, what length of the thread is still left in the coil?19. The cost of the chair is $2045.83. Tanya wants to buy 6 chairs for her house. How much money will she pay the store owner? 20. David has a jug of milk. He pours full milk into 4 cups, each glass with a capacity of 0.8 liters. 21. Find an area of the square, the side of which is 3.60 m. The weight of 1 bag of sugar is 12.5 kg. 23. At 2.3 litres of petrol, the car runs a distance of 48.3 kilometres. Ron has 3.60 litres of juice. He pours it into 9 glasses equally. How much juice is in each glass?25. Shelley has a 35.14 m long ribbon. How long is each equal part?26. The price of 5 pens is $140.50. What is the cost of 1 pen?27. The weight of the box is 150,094 kg. 28. Sonia has 14.84 litres of juice. She pours it into 7 cans equally. How much juice is there in each jar? The answers to the decimal word problem sheet are below to check the exact answer to the above problems. Answers:1. 147.35 mark2. 1.79 litres3. 328.84 kg4. 39.86 m5. Seven sides6. Rachel 7. Arunachal Pradesh8. 156.129. 7.145 liters10. Shelley, 4.3 m11. 61.3 km12. 8.14 km13. 97.5 litres14. 7 tin15. $1600.0816. $101.9517. 81.05 m18. 44.17 m19. $12,274.9820. 3.2 litres21. 12.96 m2 22. 187.5 kg23. 21 km24. 0.4 litres25. 5.02 m26. $28.1027. 4052,538 kg28. 2.12 l Practice mathematical questions given in the sheet by dividing decimal signs. Divide decimals to find the factor, just like splitting whole numbers. This sheet will be very good for students to practice a huge amount of decimal separation problem. To divide a decimal number into a whole number, the division is the same as in all numbers. First, we divide the two numbers, ignoring the decimal point, and then knead the decimal point in the ratio in the same position as in the dividend. Dividing the decimal number into 10, 100, or 1000 can be done by moving the decimal point to the left into as many places as the number of zeros in the divider. Here we discuss the rules of dividing the decimal fraction into 10, 100, 1000, etc. While multiplying the decimal numbers ignore the decimal point and perform the multiplication as usual, and then put a decimal point in the product to get as much decimal space as possible into multiply the decimal number by a decimal number, we first multiply the two numbers by ignoring the decimation point and then place a decimal point into the product in such a way that the decimal place in the product equals the sum of the digits. Rules for multiplying decimal signs: (i) Take two numbers into whole numbers (delete decimal) and multiply. (ii) Place a decimal point in the product after leaving the numbers equal to the total decimal point in both numbers. Working rule of multiplying decimal by 10, 100, 1000, etc ... are: When multiplier 10, 100 or 1000, we move the decimal point to the right by as many places as the number of zeros 1 in the multiplier. We will practice the questions given in the decimation sheet of the decimal faction. When subtracting decimal numbers to convert them into decimal times then subtract as usual by ignoring the decimal point and then putting a decimal point in the difference directly under We will practice the data issues in the sheet about adding a decimal fraction. When you add decimal numbers to convert them to as decimal then add as usual, ignoring the decimal point, and then put a decimal point in the sum directly below the decimal point of all decimal points: (i) Write the numbers of these numbers one below the other so that the decimal point is in the same vertical line. (ii) Subtract how we subtract entire numbers. Consider some of the examples of subtraction Adding decimals similar to adding whole numbers. We convert them into decimal signs and place the number vertically one below the other so that the decimal point lies exactly on the vertical line. Add as usual, as we learned in the case of the whole practice of different types of mathematical questions, data in the table by comparison and ordering decimal signs. This sheet contains questions mainly related to the comparison of decimal points and then place decimal points in the correct order, organizing decimal marks in ascending order and desce When comparing natural numbers we first compare the total number of numbers in both numbers, and if they are equal, then we compare the figure in the far left. If they are also equal, we compare the next figure and so on. We follow the same pattern when comparing how decimal fractions are discussed here. Two or more decimal fractions are called decimal points if they have an equal number of decimal places. However, the number of numbers in the integral part does not matter. 0.43, 10.41, 183.42, 1.81, 0.31 all as a faction We will discuss here about change as opposed to as a decimal faction. Unlike decimals can be changed as decimal signs by adding as many zeros as required. Conversion 13.183, 341.43, 1.04 in decimal signs. Mathematics Home Work Sheets 7th Class Mathematical Problems From a Sheet on a Decimal Word Problem Home PAGE Didn't Find What You Were Looking for? Or want to know more information about math only math. Use this Google search to find what you need. Illustration 1: School lunches cost $14.50 per week. About how much it will cost 15.5 weeks of lunches? Analysis: We need to evaluate the product at $14.50 and 15.5. To do this, we will prepare one factor up and one factor down. Rating: Answer: The cost of 15.5 weeks of school lunches will be about $200. Illustration 2: A student earns $11.75 an hour for gardening. If she worked 21 hours this month, how much did she earn? Analysis: To solve this problem, we will multiply $11.75 by 21. Answer: The student will be $246.75 for gardening this month. Illustration 3: Rick's car gets 29.7 mpg on the highway. If its fuel tank holds 10.45 gallons, how far can it travel on one full tank of gas? Analysis: To solve this problem, we multiply 29.7 by 10.45 Multiply: Answer: Rick can travel 310,365 miles with one full tank of gas. Illustration 4: A member of the school track team ran a total of 179.3 miles in practice over 61.5 days. About how many miles it averages per day? Analysis: We have to estimate the ratio of 179.3 and 61.5. Rating: Answer: It averages about 3 miles per day. Illustration 5: The shop owner has 7.11 pounds of candy. If she puts the candy in 9 cans, how many cans will each jar contain? Analysis: We'll split 7.11 pounds into 9 to solve this problem. Divide: Answer: Each jar will contain 0.79 pounds of candy. Example 6: Paul will pay for his new car in 36 monthly payments. If his car loan is $19,061, how much will Paul pay each month? Round your answer to the nearest cent. Analysis: To solve this problem, we will divide $19,061.00 by 36, then prepare the coefficient to the nearest cent (hundredth). Divide: Answer: Paul will make 36 monthly payments of $529.47 each. Example 7: What is the average speed per hour of a car that travels 956.4 miles in 15.9 hours? Round your answer to the next tenth. Analysis: We'll split 956.4 into 15.9 and then we'll take it to the next tenth. Step 1: Step 2: Answer: Rounded to the nearest tenth, the average speed of the car is 60.2 miles per hour. Summary: In this lesson we learned how to solve the word problems associated with decimal signs. We used the following skills to solve these problems: Assessing decimal products by multiplying decimal marks by whole decimals by decimals by decimals dividing decimals into whole numbers rounding decimals by decimals of Decimal Directions: Read each question below. You can use paper and pencil to help you solve these problems. Click once in ANSWER BOX and get your answer; Then click ENTER. After you click ENTER, results BOX will show you a message that says if your answer is right or wrong. To start over, click CLEAR. 1. Estimate the amount of money you have to pay for a gas tank if one gallon costs $3.04 and the tank holds 11.9 gallons. 2. A sticker on Dean's new car states that the car averages 32.6 mpg. If the fuel tank holds 12.3 gallons, how far can a din get on one full tank of gas? 3. Larry worked 15 days for a total of 116.25 hours. How many hours does it average per day? 4. Six cases of paper cost $159.98. How much does one case cost? Round your answer up Cents. 5. There are 2.54 centimeters in one inch. How many inches in 51.78 centimeters? Round your answer to the nearest thousandth. Thousandth. Thousandth. decimal division word problems grade 5. decimal division word problems grade 6. decimal division word problems 5th grade. decimal multiplication and division word problems 5th grade. decimal division word problems 5th grade pdf