



I'm not robot



reCAPTCHA

Continue

## Rational number operations worksheet pdf

(1) Fill in the blanks:(i)  $-19/5$  is between integers \_\_\_\_\_ and \_\_\_\_\_ ii) Rational number, which represents 0.44 is \_\_\_\_\_ iii) Standard form +  $58/(-78)$  is \_\_\_\_\_(iv) Value  $(-5/12) + (7/15) = (v)$  Value is Solution (2) Tell the truth or False:i) 0 is the smallest rational number. ii) There is an unlimited number of rational numbers between 0 and 1. iii A rational number that does not have reciprocal is 0. iv) The only rational number that is its own reciprocal is  $-1$ . In rational numbers equal to the inverse additive are 0 and  $-1$ . Solution (3) List of five rational numbers between i)  $-2$  and 0 ii)  $-1/2$  and  $3/5$  (iii) 0.25 and 0.35 iv)  $-1.2$  and  $-2.3$  Solution (4) Write four rational numbers corresponding to i)  $-3/5$  (ii)  $-7/6$ (iii)  $8/9$ Solution [5] Draw a number line and represent the following rational numbers on it i)  $9/4$  (ii)  $-8/3$  (iii)  $-17/(-5)$  (iv)  $-15/4$ Solution(10) You can see the rational question mark numbers marked on the number line. (i) (ii) (iii) solution (7) Using diameter, write 3 rational numbers between  $(14/5)$  and  $(16/3)$  Solution(8) Verify that  $-(-x)$  is the same  $x$  for:(i)  $x = 11/15$  ii)  $x = -31/45$  Solution(8) Properly arrange and add: (9) What should be added to  $-8/9$  to get  $2/5$ ? Solution(10) Subtract  $-8/44$  from  $-17/11$  Solution(11) Evaluation: (i)  $(9/2) \times (-11/3)$  (ii)  $(-7/27) \times (24/(-35))$ Solution(12) Divide (i)  $(-21/27) \div 5$  from  $(-7/-10)$  (ii)  $(-3/13) \div (-3)$  (iii)  $-2 \div -6/15$  Solution [13] Simplify  $(2/5 + 3/2) \div (3/10)$  as a rational number and demonstrate that it is between 6 and 7. Workaround(14) Type five rational numbers that are smaller than  $-2$ .Workaround(15) Compare the following pairs of rational numbers. (i)  $-11/5, -21/8$  (ii)  $3/(-4), -1/2$  (iii)  $2/3, 4/5$  Solution [16] Arrange the following rational numbers in ascending and descending order. (i)  $-5/12, -11/8, -15/24, -7/(-9), 12/36$ (ii)  $-17/10, -7/5, 0, -2/4, -19/20$ Solution In addition to the things listed above, if you need any other things in mathematics, please use our google custom search here. If you have any comments on our math content, please send us: [v4formath@gmail.com](mailto:v4formath@gmail.com) We will always appreciate your feedback. You can also visit the following websites for different things in mathematics. WORD PROBLEMSHCF and LCM word problemsWord problems on simple equations Word problems on linear equations Word problems on quadratic equationAlgebra word problemsWord problems in trainsA and circuit word problemsWord problems with direct variation and inverse variations Word problems with unit priceWord problems with unit rate Word problems when comparing ratesConverting usual units word problems Convert metric units word problemsWord problems on simple interest problemsWord to compound interest problemsWord to types of angles Additional and additional angles word problemsDeformat facts word problemsTrigonometry word problemsPercentage word problems Profit and loss word problems Markup and markdown word problems Decimal word problemsWord on problems on na na fractionsOne step equations word problemsLinear inequality word problemsRatio and share word problemsTime and work word problemsWord problems on sets and venn diagramsWord problems on agesPythagorean theory word problemsPercent number word problemsWord problems with constant speedWord problems with average speed Word problems on the sum of angles triangle is 180 degreesOXder TOPICS Profit and loss shortcutsPercentage shortcutsTime table shortcuts,Time speed and distance shortcutRati about and the proportion of abbreviationsDomene and the range of rational functionsDomene and the range of rational functions with holesGraphic rational functionsGraphic rational functions with holesConverter repeating decimal places into fractionsDecal representation of rational numbersCalculation of the square root using a long divisionL.C.M method to solve time and work problemsTransfer verbal problems into algebraic expressionsReprevenue, when 2 power 256 is divided by 17Recider when 17 power 23 is divided by 16Sum all three digits of numbers divisible by 6Sum all three digits divisible by 7Sum all three digits divisible by 8Sum of all three digit numbers created using 1, 3, 4Sum all three four digit numbers created with non zero digitsSum all three four digits created using 0, 1, 2, 3Sum all three four digit numbers created using 1, 2, 5, 6 copyright onlinemath4all.com SB! What are rational numbers? How to add, subtract, multiply and split rational numbersTo subtract rational numbers, we add the opposite order of operations that you have not yet used 9 \_unit\_3.6.pdfFile Size: 4772 kbFile Type: pdfDownload File You may notice that BEDMAS, in certain cases, is replaced by PEMDAS: P - Bracket E - Exponents M D - Multiplication and / or Division A - Addition S - Subtractions are the fact that either BEDMAS or PEMDAS are used, indication is a very important thing to note: Multiplication and division are at the same level! This means that either one can be done first. Here is a more detailed explanation of the order of operation for integers, with some examples worked. If you understand how to manipulate the order of operation with integers, you are set! This is because it is used in the same way for decimal places and fractions. 9e\_unit\_3.6\_.pdfFile Size: 2588 kbFile Type: pdfDownload File Some examples for decimals and fractions: 9e\_unit\_3.6\_.2.pdfFile Size: 11 KbFile Type: pdfDownload File Pay special attention to the following questions, which are similar to tests: 9 \_unit\_3.6 \_error\_questions.pdfFile Size: 4961 kbFile Type: pdfDownload File 9e\_unit\_3\_error\_questions.pdfFile Size: 2- <8>\_6\_worksheet\_1.pdfFile Size: 20 kbFile Type: pdfSaying file 9e\_unit\_3.6\_worksheet\_2.pdfFile Size: 1572 kbFile Type: pdfDown load File workbook \_unit\_3.6.pdfFile Size: 4149 kbFile Type: pdfDownload File This Algebra 1 - Basics worksheet will create problems for the student to add and subtract rational numbers. Click here for more Algebra 1 - Basics sheets teach, review and practice all rational rational Operations (addition, subtraction, multiplication and division of positive and negative decimals, fractions, and mixed numbers) with this large bunch of notes, training sks! & word problem worksheets, task cards, and math review games! Each product in thPage 2 Practice the questions in the worksheet about operations on rational expressions. The questions relate to the operations of addition, subtraction, multiplication and division into rational figures.1. Simplify the following rational figures:(i)  $(25/8 \times 2/5) - (3/5 \times -10/9)$  (ii)  $(1/2 \times 1/4) + (1/2 \times)$  (iii)  $(-5 \times 2/15) - (-6 \times 2/9)$  (iv)  $(-9/4 \times 5/3) + (13/2 \times 5/6)$  2. Simplify rational expressions: (i)  $(3/2 \times 1/6) + (5/3 \times 7/2) - (13/8 \times 4/3)$  (ii)  $(1/4 \times 2/7) - (5/14 \times -2/3) + (3/7 \times 9/2)$  iii)  $(13/9 \times -15/2) + (7/3 \times 8/5) + (3/5 \times 1/2)$  iv) (iv)  $(3/11 \times 5/6) - (9/12 \times 4/3) + (5/13 \times 6/15)$  3. Find the value and express it as a rational number in standard form: (i)  $2/5 \div 26/15$  (ii)  $10/3 \div (-35/12)$  (iii)  $-6 \div (-8/17)$  iv)  $40/98 \div (-20)$  4. What number should we multiply  $-15/28$  so the product can be  $-5/7$ ? 5. What number should we multiply  $-8/13$  so that the product can be 24? 6. What number should  $-3/4$  be multiplied to make  $2/3$ ? 7. Locate  $(m + n) + (m - n)$  if i)  $m = 2/3, n = 3/2$  ii)  $m = 2/5, n = 1/2$  iii)  $m = 5/4, y = -1/3$  8. The cost of  $7 \frac{2}{3}$  meters of rope is \$12  $\frac{3}{4}$ . Find his price per meter. 9. The cost of  $2 \frac{1}{3}$  meters of rope is \$75  $\frac{1}{4}$ . Find the cost of a cloth per meter. 10. Divide the sum of  $-13/5$  and  $12/7$  with the sum of  $-31/7$  and  $-1/2$ . Divide the sum of  $65/12$  and  $8/3$  by their differences. 12. If it is possible to prepare 24 trousers of the same size in 54 meters of fabric, what length of fabric is needed for each pants? 13. Divide the sum of  $13/5$  and  $-12/7$  with the sum of  $-31/7$  and  $1/-2$ . Divide the sum of  $65/12$  and  $8/3$  by their differences. The answers for a worksheet about operations on rational expressions are given below to check the exact answers to the above questions about rational numbers. Answer:1. (i)  $23/12$  (ii)  $25/8$  (iii)  $2/3$  (iv) $5/32$ . (j)  $47/12$  (ii)  $47/21$  (iii)  $-34/5$  (iv)  $-177/2863$ . (j)  $3/13$  (ii)  $-8/7$  (iii)  $5/14$  (iv)  $-1/494$ .  $4/35, -396, -8/97$ . (j)  $-13/5$  (ii)  $-9$  iii)  $11/198$ . \$1  $61/929$ . \$32  $1/410$ .  $-2/511$ .  $97/3312$ .  $9/4$  metre13.  $2/514$ .  $97/33$  • Rational Numbers - Worksheet worksheets on rational numbersWorking sheet to equivalent rational numbersWorking sheet to the lowest form of rational numberWorking sheet on the standard form rational numberWork sheet on equalities rational numbersWorking sheet comparing rational numbersWork sheet to representation of rational numbersWork sheet to Rational NumbersWorksheet on properties of adding rational numbersWorksheets on subtracting rational numbersWorker to rational expressions including sum and worksheet difference to multiply rational numberWorker on properties multiplication of rational worksheet numbers to divide rational numbersWorker to Divisions of Rational NumbersWorksheet on finding rational numbers between two rational numbers Worksheet about Word problems about rational numbersWork sheets on operations on rational expressions Objective questions about rational numbers Mathematical home sheets 8. Or you want to learn more about mathematics only mathematics. Use this Google search to find what you need. Necessary.

