

5 3 Greatest Common Factor

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5-3 Greatest Common Factor - Ms. Akin's 6th Grade Math

1 10, 70 2 4, 20 3 18, 24 4 18, 63 5 36, 42 6 14, 28 7 Number Sense Name two numbers that have a greatest common factor of 8 8 Geometry Al's garden is 18 feet long and 30 feet wide He wants to put fence posts the same distance apart along both the length and width of the fence What is the greatest distance apart he can put the

5-2 Prime Factorization - Weebly

Mar 09, 2011 · Topic 5 41 Practice 5-3 Practice 5-3 Greatest Common Factor Find the GCF for each set of numbers 1 12, 48 2 20, 24 3 21, 84 4 24, 100 5 18, 130 6 200, 205 7 Number Sense Name three pairs of numbers that have 5 as their greatest common factor Use each number only once in your answer 8 The bake-sale committee divided each type of item

Greatest common factor (GCF) - K5 Learning

Title: Grade 5 Factoring Worksheet - Greatest common factor (GCF) Author: K5 Learning Subject: Grade 5 Factoring Worksheet Keywords: Grade 5 Factoring Worksheet - Greatest common factor (GCF) math practice printable elementary school

Name

Printable Math Worksheets @ wwwmathworksheets4kids.com Name : Answer key Find the greatest common factor for each set of numbers 1) 18, 6, 24 GCF(18, 6, 24) =

Greatest Common Factor (GCF)

Online reading & math for K-5 wwwk5learning.com Greatest Common Factor (GCF) Grade 6 Factoring Worksheet Find the greatest common factor of the three numbers shown:

Greatest Common Factor - SuperTeacherWorksheets

Name: _____ Greatest Common Factor When you find all the factors of two or more numbers, and you find some factors are the same ("common"), the largest

5.5 The Greatest Common Factor and Factoring by Grouping

Section 55 The Greatest Common Factor and Factoring by Grouping 291 OBJECTIVE PRACTICE OBJECTIVE 55 The Greatest Common Factor and Factoring by Grouping OBJECTIVES 1 Identify the GCF 2 Factor Out the GCF of a Polynomial's Terms 3 Factor Polynomials by Grouping 1 Identifying the GCF Factoring is the reverse process of multiplying It is the process of writing a polynomial

5.1 The Greatest Common Factor, Factoring By Grouping

61 Greatest Common Factors and Factoring by Grouping Written by: Cindy Alder Objectives • Factor out the greatest common factor • Factor by grouping

6.1 Practice - Greatest Common Factor

61 Practice - Greatest Common Factor Factor the common factor out of each expression 1) $9+8b^2$ 3) $45x^2 - 25$ 5) $56 - 35p$ 7) $7ab - 35a^2b$ 9) $-3a^2b+6a^3b^2$ 11) $-5x^2 - 5x^3 - 15x^4$ 13) $20x^4 - 30x + 30$ 15) $28m^4 + 40m^3 + 8$ 17) $30b^9 + 5ab - 15a^2$ 19) $-48a^2b^2 - 56a^3b - 56a^5b^2$ 21) $20x^8y^2z^2 + 15x^5y^2z + 35x^3y^3z$ 23) $50x^2y + 10y^2 + 70xz^2$ 25

Factors, Common Factors, Greatest Common Factor Notes

7) Box the greatest common factor Example: Find the common factors of 18 and 24 18 24 1 x 18 1 x 24 2 x 9 2 x 12 3 x 6 3 x 8 4 x 4 x 6 5 x 5 x 6 rpts 6 rpts So the common factors of 18 and 24 are 1, 2, 3, and 6 However, the greatest common factor of 18 and 24 is 6 So, we could make 6 equal groups of pencil and pen sets Each group would

Factoring Polynomials

$60 = 2 \cdot 3 \cdot 2 \cdot 5$ The prime factorization of 60 is $2 \cdot 2 \cdot 3 \cdot 5$ or $2^2 \cdot 3 \cdot 5$ Write the prime factorization of each number 1a 40 1b 33 1c 49 1d 19 Who uses this? Web site designers who sell electronic greeting cards can use the greatest common factor of numbers to design their Web sites (See Example 4) A prime number is a

n 1 Greatest Common Factor and Least Common Multiple

53 Greatest Common Factor and Least Common Multiple 213 The GCF is the product of the primes common to the factorizations, with each prime raised to the power indicated by the smallest exponent that it has in any factoriza-

5.1 The Greatest Common Factor and Factoring by Grouping

51 The Greatest Common Factor and Factoring by Grouping 1 Factoring out the greatest common factor: $15x+25=5(3x+5)$ 3 Factoring out the greatest common factor: $6a+9=3(2a+3)$ 5 Factoring out the greatest common factor: $4x^2+8y=4x(x+2y)$ 7 Factoring out the greatest common factor: $3x^2+6x+9=3(x^2+2x+3)$ 9 Factoring out the greatest common factor: $3a^2+3a+60$

Factoring with GCF - San Juan Unified School District

17) $24xy^5 - 80x^3y^2 + 64x^2y^18$ 81b - 90b² - 27b³a⁴ ©L h2a0n1z5c gKkuXt^aW wSro\ZtbwKarrKeR fLYLkCdO R mA`lilo KrsigghhJtYsY ir^eWsoeorivLeddXq A YMUavd]eZ KwSiatIhF nIznlfMiunhiYtmet VAalVgKeYbWrcas Z1g

Name Date Reteach 546460-HM-G5-RT-CH09 2/4/04 4:47 PM ...

product of these common prime factors The common prime factors of 40 and 50 are 2 and 5 So, the GCF of 40 and 50 is 2 5, or 10 4 10 2 2 2 5 40 5

10 5 2 5 50 List the factors of each number Then find the greatest common factor (GCF) of the numbers 1 4, 10 2 12, 14 3 6, 21 4 7, 9 Write the prime factorization of each number Then find the

In this worksheet we will factor polynomials.

Finding the Greatest Common Factor of Polynomials In a multiplication problem, the numbers multiplied together are called factors The answer to a multiplication problem is called the product In the multiplication problem , 5 and 4 are factors and 20 is the product If we reverse the problem, , we say we have factored 20 into In this worksheet we will factor polynomials

Chapter 8: Factoring - Bedford Public Schools

$60 = 2 \cdot 2 \cdot 3 \cdot 5$ Circle the common prime factors The common prime factors of 48 and 60 are 2, 2, and 3 The product of the common prime factors, $2 \cdot 2 \cdot 3$ or 12, is called the greatest common factor of 48 and 60 The greatest common factor (GCF) is the greatest number that is a factor of both original numbers The GCF of two or

Finding the Greatest Common Factor of Whole Numbers

Basic Arithmetic Skill Finding the Greatest Common Factor of Whole Numbers Find the GCF of each using the prime factorization of each whole number

Factoring the Greatest Common Factor Worksheet

Factor the greatest common factor: $28 36 17a^3 b^2 a^3 b^2 5$ Note that the GCF of the coefficients (28, -36, and -17) is 1 Also, note that the terms do not all share any common variables Obviously, it makes little sense to write $1(28 36 17)a^3 b^2 5$

Name

Printable Math Worksheets @ wwwmathworksheets4kids.com Name : Answer key Find the greatest common factor for each pair of numbers 1) 6, 9
GCF(6, 9) = 2) 4, 18 GCF(4, 18) =