

Factor $6h^2 - h - 2$

1. Multiply the first and last terms.
 $(6h^2)(-2) = -12h^2$
2. Find the factors of $12h^2$ whose sum is h .
 $(-4h) + (3h) = -h$
3. Rewrite the trinomial as a four-term expression by replacing the middle term with the sum of the factors.
 $6h^2 - 4h - 3h - 2$
4. Group the terms with a common factor.
 $(6h^2 - 3h) + (-4h - 2)$
5. Factor the groups using greatest common monomial factor.
 $3h(2h - 1) - 2(2h - 1)$
6. Factor out the common binomial factor and write the remaining factor as a sum or difference of the common monomial factors.
 $(3h - 2)(2h - 1)$

Activity 13 **WE HAVE!**

Description: This game will help you practice your factoring skills through a game.
Instruction: Form a group with 5 members. Your task as a group is to factor the trinomial that the other group will give. Raise a flaglet and shout "We have it!" If you have already factored the trinomial. The first group to get 10 correct answers wins the game.



1. Do you find difficulty in playing the game? Why?
2. What hindered you from finding the factors of the trinomial?
3. What plan do you have to address these difficulties?

Let's extend!!

We can use factoring by grouping technique in finding the factors of a polynomial with more than three terms.

Let's try factoring $8mt - 12at - 10mh - 15ah$

- Solution:
1. Group the terms with a common factor.
 $(8mt - 12at) + (-10mh - 15ah)$
 2. Factor out the greatest common monomial factor in each group.
 $4t(2m - 3a) - 5h(2m - 3a) \rightarrow$ Why?
 3. Factor out the common binomial factor and write the remaining factor as a sum or difference of the common monomial factors.
 $(2m - 3a)(4t - 5h)$



Sum And Difference Of Cubes Pdf Download >>> <http://shurll.com/a23iw>

.For a better experience, please download the original document and view it in the native application on your computer Example: Factor $(8b^3 + 27)$ Factor $(8b^3 - 64)$ Show Step-by-step Solutions Factoring the sum or difference of cubes Show Step-by-step Solutions Factoring the sum of cubes and the difference of cubes to help solve polynomial functions [?] Subscribe To This Site [?] Subscribe To This Site Back to Top Interactive Zone Home Copyright 2005, 2015 - OnlineMathLearning.com

You're Reading a Free Preview Pages 2 to 4 are not shown in this preview Try the given examples, or type in your own problem and check your answer with the step-by-step explanations Factoring A Sum and Difference of Cubes.pdf Uploaded by ABB Rating and Stats 0.0 (0) Document Actions Download Share or Embed Document Sharing Options Share on Facebook, opens a new window Share on Twitter, opens a new window Share on LinkedIn Share by email, opens mail client Embed View More Copyright: All Rights Reserved Download as PDF, TXT or read online from Scribd Flag for inappropriate content Recommended Documents Top Nonfiction On Scribd The Innovators: How a Group of Hackers, Geniuses, and Geeks Created the Digital Revolution by Walter Isaacson Elon Musk: Tesla, SpaceX, and the Quest for a Fantastic Future by Ashlee Vance Dispatches from Pluto: Lost and Found in the Mississippi Delta by Richard Grant Top Fiction On Scribd The Incarnations: A Novel by Susan Barker You Too Can Have a Body Like Mine: A Novel by Alexandra Kleeman Leaving Berlin: A Novel by Joseph Kanon More From Emily Todd Formula Sheet Geometry Ch. 3-4 by Emily Todd Geometry Ch. 9-10 by Emily Todd Screen Reader Compatibility Information Due to the method this document is displayed on the page, screen readers may not read the content correctly Close Dialog Are you sure? This action might not be possible to undo Home Math By Grades Pre-K Kindergarten Grade 1 Grade 2 Grade 3 Grade 4 Grade 5 Grade 6 Grades 7 & 8 Grades 9 & 10 Grades 11 & 12 Basic Algebra Intermediate Algebra High School Geometry Common Core Standards NY Common Core Math By Topics Arithmetic Algebra Geometry Trigonometry Statistics Probability Word Problems Pre-Calculus Calculus Set Theory Matrices Vectors Free Math Worksheets Worksheets by Topics Worksheets by Grades Interactive Zone Math For Tests SAT Math ACT Math GMAT GRE Math High School Regents California Standard Math Fun & Games Math Trivia Math Games Fun Games Mousehunt Guide Let's Play Blog Math Video Lessons College Algebra College Calculus Linear Algebra Engineering Math Singapore Math Test/Exam Prep SAT Preparation ACT Preparation GMAT Preparation GRE Preparation ESL, IELTS, TOEFL GCSE/IGCSE/A-Level GCSE/IGCSE Maths GCSE/IGCSE Biology IGCSE Chemistry A-Level Maths Others Biology Chemistry Science Projects High School Biology High School Chemistry High School Physics Animal Facts English Help Programming Calculators Tutoring Services What's New Contact Us You can use the free Mathway calculator and problem solver below to practice Algebra or other math topics Explore EXPLORE BY INTERESTS Career & Money Business Biography & History Entrepreneurship Leadership & Mentoring Money Management Time Management Personal Growth Happiness Psychology Relationships & Parenting Religion & Spirituality Self-Improvement Politics & Current Affairs Politics Society Science & Tech Science Tech Health & Fitness Fitness Nutrition Sports & Recreation Wellness Lifestyle Arts & Languages Fashion & Beauty Food & Wine Home & Garden Travel Entertainment Celebrity Biography & Memoir Pop Culture Biographies & History Biography & Memoir History Fiction Childrens & YA Classic Literature Contemporary Fiction Historical Fiction LGBTQ Fiction Mystery, Thriller & Crime Romance Science Fiction & Fantasy BRO WSE BY CONTENT TYPE Books Audiobooks News & Magazines Sheet Music Search Upload Sign in Join close user settings menu Options Join Sign In Upload Please submit your feedback or enquiries via our Feedback page

Show Step-by-step Solutions Rotate to landscape screen format on a mobile phone or small tablet to use the Mathway widget, a free math problem solver that answers...

your...questions...with...step-by-step...explanationsEmbedded...content,...if...any,...are...copyrights...of...their...respective...ownersWe.welcome.your.feedback,.comments.and.questions.about.this.site.or.pageBuy.the.Full.Version.Footer.MenuAboutAbout.ScribdPressOur.blogJoin.our.team!Contact..UsJoin..todayInvite..FriendsGiftsLegalTermsPrivacyCopyrightSupportHelp../.FAQAccessibilityPurchase..helpAdChoicesPublishersSocial..MediaCopyright....2017..Scribd..IncFormula...to...Factor...the...Sum..of...two...Cubes... $a^3 + b^3 = (a + b)(a^2 - ab + b^2)$...Formula...to...Factor...the...Differen..ce...of...two...Cubes... $a^3 - b^3 = (a - b)(a^2 + ab + b^2)$...Sum...and...Difference...of...Cub..es...Factoring...Cubic...functions

Factoring..the..Sum..and..Difference..of..Two..Cubes..Related..Topics:..More..Grade..9..Math..Lessons ..More..Algebra..I..Lessons,..More..Algebra..II..Lessons,..Algebra..Worksheets,..Algebra..Games...Vid eos,..worksheets,..solutions,..and..activities..to..help..Grade..9,..Algebra..students..learn..how..to..fac tor..the..sum..of..two..cubes..and..the..difference..of..two..cubes.Browse...Books.Mobile...Site.Site...Di rectory.Site...Language:...EnglishEspaolPortugusDeutschFranaisTurkce...Ting...vitjzyk...polskiBahasa..indonesiaSign...up...to...vote...on...this...titleUsefulNot...usefulHow...to...factor...a...expression...that ..has...Cubic...functions?...Examples:...Factor:... $(x^3 + 27)$... $(27x^3 - 1000)$...Show...Step-by-step... Solutions...Factoring...the...Sum...and...Difference...of...Perfect...Cubes...A...review...of...factoring...th e...sum...and...difference...of...perfect...cubes...and...two...examples ae94280627

[conchiglie del mediterraneo pdf download](#)
[a brief history of time ebook download free](#)
[estrategia de operaciones pdf download](#)
[class 12 ncert solutions pdf download](#)
[sccm 2007 ebook free download](#)
[google book search engines download](#)
[current affairs march 2012 pdf free download](#)
[american sniper pdf free download](#)
[intermediate algebra pdf download dummies](#)
[quatremer de quincy pdf download](#)