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Graphing Rational Functions Worksheet And

Graphing Rational Functions Date_____ Period____ Identify the points of discontinuity, holes, vertical asymptotes, x-intercepts ... Create your own worksheets like this one with Infinite Algebra 2. Free trial available at [KutaSoftware.com](https://www.kutasoftware.com). Title: Graphing Rational Functions.ks-ia2

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Rat P2 u.j Worksheet by Kuta Software LLC Kuta Software -
Infinite Algebra 2 Name_____ Graphing Simple Rational Functions
Date_____ Period_____ Identify the vertical asymptotes, horizontal
asymptote, domain, and range of each. 1) $f(x) = -4x$

Graphing Simple Rational Functions - Kuta

Graphing Rational Functions Worksheet 2 Find the VA and HA of
the following: 1. $9/20 - 4/5 - 2/2x - x/x - x/2$ 2. $3/9 - x/x - 3$ 3. $2/9 - 18/6 - 2/x - x$
VA_____ VA_____ VA_____ HA_____ HA_____ HA_____ Graph each
equation and fill in all the blanks. 4. $2/3 - x/y$ Domain_____ VA_____ Holes_____ x-int ...

Graphing Rational Functions Worksheet 2

UNIT 1: Algebra II Review - SECTION 7 WORKSHEET #1 Date:

_____ GRAPHING RATIONAL FUNCTIONS To Identify Types of

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Discontinuity: Step 1: HOLES (Removable Discontinuities) Factor numerator & denominator Simplify If anything cancels, then there is a hole (More than one factor cancels More than one hole)

GRAPHING RATIONAL FUNCTIONS

©N B2a0z1 M25 fK 1uZtDaZ NSso 8fqt FwLatr6e f JL 4L nCf. X V YAMIHIT urti qg 6hAtks r vr Aeds se WrCvMeNd t.1 S 9M 9a jd LeL vw fi vtKhQ RIMnrfWixn piHtbeo 7A8IKgFe qb JrBaQ r2 R.d Worksheet by Kuta Software LLC Answers to Extra Practice - Graphing Rational Functions 1) x y

Extra Practice - Graphing Rational Functions

Showing top 8 worksheets in the category - Graphing Rational Functions. Some of the worksheets displayed are Graphing rational, Asymptotes and holes graphing rational functions, Graphing simple rational functions, Graphing a rational function,

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Graphing Rational Functions Worksheets - Teacher Worksheets

Exercise Set 2.3: Rational Functions MATH 1330 Precalculus 229
Recall from Section 1.2 that an even function is symmetric with respect to the y-axis, and an odd function is symmetric with respect to the origin. This can sometimes save time in graphing rational functions. If a function is even or odd, then half of the function can be

Asymptotes and Holes Graphing Rational Functions

Rational functions vertical asymptotes graph holes in rational functions graphing rational functions day 1 114 ff Graphing Rational Functions Worksheet Key
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2 Rational Functions Holes And Asymptotes
25 Graphing Rational Functions Worksheet 1 Horizontal Asymptotes 5 List
Graphing Rational Functions Worksheet For 11th Grade Lesson ...

Graphing Rational Functions With Holes Worksheet - A ...

Graph other rational functions. Graphing Simple Rational Functions A rational function has the form $f(x) = \frac{p(x)}{q(x)}$, where $p(x)$ and $q(x)$ are polynomials and $q(x) \neq 0$. The inverse variation function $f(x) = \frac{a}{x}$ is a rational function. The graph of this function when $a = 1$ is shown below. Graphing a Rational Function of the Form $y = \frac{a}{x}$...

Graphing Rational Functions

2.07 Graphs of Rational Functions 1. Domain and Range (1 point): $x = -1, 3$ $y = -1/2, 0$ 2. x and y Intercept(s) (1 point): $y = -2/3$ $x = 0$ 3. Horizontal Asymptote(s) (1 ...

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2.07 Graphs of Rational Functions by Dalila Green

Rational Functions In this chapter, you'll learn what a rational function is, and you'll learn how to sketch the graph of a rational function. Rational functions A rational function is a fraction of polynomials. That is, if $p(x)$ and $q(x)$ are polynomials, then $\frac{p(x)}{q(x)}$ is a rational function. The numerator is $p(x)$ and the denominator is $q(x)$...

Rational Functions - Math

Match the equation of each rational function with the most appropriate graph. Explain your reasoning.

$y = \frac{2}{x} + \frac{4}{x-3} + \frac{4}{x-4}$ $y = \frac{2}{x} + \frac{4}{x-4} + \frac{4}{x-5}$ $y = \frac{2}{x} + \frac{4}{x-4} + \frac{4}{x-4}$ $y = \frac{2}{x} + \frac{4}{x-4} + \frac{4}{x-4}$

A B C Complete the assignment on pp.134 to 136: # 1 to 4 first before trying the questions below: Write the equation for each graphed rational function.

PREC12 Rational Functions Name: Worksheet

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Graphing a Rational Function Rational function $f(x) = \frac{p(x)}{q(x)}$; $p(x) = a_n x^n + \dots + a_1 x + a_0$; $q(x) = b_m x^m + \dots + b_1 x + b_0$; Steps for Graphing - Step 1: Simplify $f(x)$ if possible, by factoring the numerator $p(x)$ and denominator $q(x)$. From the factorization, A) Identify the Domain of the function. B) Note any resulting "Hole(s)". Step 2: Find and plot the x-intercepts and y-intercept of the function (if they exist).

Graphing a Rational Function - Metropolitan Community College

Rational Functions Worksheet Graph the Following Rational Functions and Determine Their Center Exercise 1 $f(x) = \frac{6}{x}$
Exercise 2 Exercise 3 Exercise 4 Exercise 5 Exercise 6 Exercise 7
1 Graph the rational function: $f(x) = \frac{6}{x}$ $x = -6, -3, -2, -1, 1, 2, 3, 6$
 $f(x) = \frac{6}{x}$ $-1, -2, \dots$

Rational Functions Worksheet | Superprof

Rational Function and their Graphs Worksheet - Word Docs & Page 8/11

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Rational Functions and Their Graphs - Activity ...

Worksheet by Kuta Software LLC Algebra 2 Honors March 11, 2019 Graphing Rational Functions: Slant Asymptotes Name _____
©m H2m0b1[9l _KRuit_ae hSyoVfbtMwXabrlec yLVL[CQ.n N bAgI NIH qrGiMgrhutssQ arXe^s`eCrRvHe\dj).-1-Identify the: 1. domain 2. Discontinuities 3. holes 4. x ...

Graphing Rational Functions: Slant Asymptotes

Title: Graphing Rational Functions Author: BRHS Last modified by: Ozog Family Desktop Created Date: 9/18/2016 11:35:00 PM Company: LCPS Other titles

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Graphing Rational Functions - Travellin

How To: Given a rational function, sketch a graph. Evaluate the function at 0 to find the y-intercept.; Factor the numerator and denominator. For factors in the numerator not common to the denominator, determine where each factor of the numerator is zero to find the x-intercepts.; Find the multiplicities of the x-intercepts to determine the behavior of the graph at those points.

Graph rational functions | College Algebra

Finding Rational Functions from Graphs, Points, Tables, or Sign Charts. You may be asked to look at a rational function graph and find a possible equation from a rational function graph or a table of points: Rational Function: Find Equation from Graph You can even get math worksheets.

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