

The book was found

Calculus - REA's Quick Access Reference Chart (Quick Access Reference Charts)

REVIEW **Quick Access®** **CALCULUS**

A. FUNCTIONS

1. POLYNOMIALS

1. Determine the domain and range of the function.
2. Find the intercepts and asymptotes.

2. RATIONAL FUNCTIONS

1. Determine the vertical and horizontal asymptotes, and plot a graph of the function.

3. EXPONENTIAL AND LOGARITHMIC FUNCTIONS

1. Determine the vertical and horizontal asymptotes, and plot a graph of the function.

4. TRIGONOMETRIC FUNCTIONS

1. Determine the equation of the graph.

5. TRANSCENDENTAL FUNCTIONS

1. Determine the domain of the function.

B. LIMITS

1. DEFINITION

Given a function f and a real number L , the value of the function needs to approach L as x is evaluated at values of x approaching a (that is, we can make $|x - a|$ as small as we want).

2. ONE-SIDED LIMITS

$\lim_{x \rightarrow a^+} f(x) = L$ means that as x approaches a from the right, the value of $f(x)$ approaches L .

3. PROPERTIES OF LIMITS

For the limit of a function $f(x) = L$ as $x \rightarrow a$, the following holds:

- $\lim_{x \rightarrow a} (f(x) + g(x)) = L + M$
- $\lim_{x \rightarrow a} (f(x) - g(x)) = L - M$
- $\lim_{x \rightarrow a} (f(x) \cdot g(x)) = L \cdot M$
- $\lim_{x \rightarrow a} \left(\frac{f(x)}{g(x)} \right) = \frac{L}{M}$ provided $M \neq 0$
- $\lim_{x \rightarrow a} (c \cdot f(x)) = c \cdot L$
- $\lim_{x \rightarrow a} (f(x))^n = L^n$

4. SPECIAL LIMITS

- $\lim_{x \rightarrow 0} \frac{\sin x}{x} = 1$
- $\lim_{x \rightarrow 0} \frac{e^x - 1}{x} = 1$

Research & Education Association • For complete list of titles, visit www.reedco.com/quickcharts



Synopsis

Fast Facts at Your Fingertips! REA's Quick Access Study Charts contain all the information students, teachers, and professionals need in one handy reference. They provide quick, easy access to important facts. The charts contain commonly used mathematical formulas, historical facts, language conjugations, vocabulary and more! Great for exams, classroom reference, or a quick refresher on the subject. Most laminated charts consist of 2 fold-out panels (4 pages) that fit into any briefcase or backpack. Each chart has a 3-hole punch for easy placement in a binder. Each chart measures 8 1/2" x 11"

Book Information

Series: Quick Access Reference Charts

Pamphlet: 4 pages

Publisher: Research & Education Association; Lam Crds edition (November 11, 2009)

Language: English

ISBN-10: 0738607231

ISBN-13: 978-0738607238

Product Dimensions: 8.5 x 11 inches

Shipping Weight: 1.6 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 9 customer reviews

Best Sellers Rank: #336,950 in Books (See Top 100 in Books) #78 in Books > Science & Math > Mathematics > Reference #584 in Books > Textbooks > Science & Mathematics > Mathematics > Calculus #930 in Books > Science & Math > Mathematics > Pure Mathematics > Calculus

Customer Reviews

This is a wonderful reference chart. This would be useful for anyone taking psychology, sociology, social work etc. This chart does a wonderful job breaking down the basic essentials of psychology. This chart was extremely helpful in getting me through human behavior 1 and 2 for SW. This price was extremelyordable in the item came extremely fast in the mail. (less the a week)

Love these things! I'm slowly collecting all the psy and counseling ones. Very useful as grad student.

High quality and delivered on time.

High quality and delivered on time.

Exactly what I am needing to place in my nursing clinical notebook for quick reference.

Knocked the cob webs off just by looking at this. Just what I ordered it for. Liked it a lot

Item did match the picture in the advertisement. I was sort of disappointed

I have yet to fully use this item. I know as I pursue my doctoral degree in psychology it will be beneficial to me.

[Download to continue reading...](#)

Calculus - REA's Quick Access Reference Chart (Quick Access Reference Charts) Weights and Measures - REA's Quick Access Reference Chart (Quick Access Reference Charts) Precalculus - REA's Quick Access Reference Chart (Quick Access Reference Charts) Algebra 2 - REA's Quick Access Reference Chart (Quick Access Reference Charts) Trigonometry - REA's Quick Access Reference Chart (Quick Access Reference Charts) Algebra 1 - REA's Quick Access Reference Chart (Quick Access Reference Charts) Geometry 1 - REA's Quick Access Reference Chart (Quick Access Reference Charts) German Grammar - REA's Quick Access Reference Chart (Quick Access Reference Charts) CLEP Analyzing & Interpreting Literature with CD-ROM (REA): The Best Test Prep for the CLEP Analyzing and Interpreting Literature Exam with REA's TESTware (Test Preps) CLEP Biology (REA) with CD-ROM - The Best Test Prep for the CLEP Exam: with REA's TESTware (Test Preps) How to Read a Nautical Chart, 2nd Edition (Includes ALL of Chart #1): A Complete Guide to Using and Understanding Electronic and Paper Charts Alfred's Ukulele Chord Chart: A Chart of All the Basic Chords in Every Key, Chart Home brew Journal for Craft Beer Homebrewers | Homebrew Logbook w/ space for 70+ recipes | Beer Glassware Reference, Beer Color Chart, Hops and Yeast Strain Chart | Color Charts: Color Collection Edition: 50 Color Charts to record your color collection all in one place Color Charts: 50+ Coloring Charts to Organize Your Color Schemes, Test Your Supplies Before You Color, and Find the Perfect Colors for Every Project! Billboard's Top Ten Charts, 1958-1988: Thirty Years of Top 10 Charts in One Handy Volume! Chronological and Background Charts of the Old Testament (Zondervan Charts) Bundle: Calculus: Early Transcendentals, Loose-Leaf Version, 8th + WebAssign Printed Access Card for Stewart's Calculus: Early Transcendentals, 8th Edition, Multi-Term Single Variable Calculus: Early

Transcendentals Plus MyMathLab with Pearson eText -- Access Card Package (2nd Edition)
(Briggs/Cochran/Gillett Calculus 2e) Finite Mathematics and Calculus with Applications Plus
MyMathLab with Pearson eText -- Access Card Package (10th Edition) (Lial, Greenwell & Ritchey,
The Applied Calculus & Finite Math Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)