

Math 113 (Calculus II)
Test 1 Form A KEY

Multiple Choice. Fill in the answer to each problem on your scantron. Make sure your name, section and instructor is on your scantron.

1. Find $\int_4^9 \frac{\ln y}{\sqrt{y}} dy$

- a) $6 \ln 9 - 2 \ln 4 + 4$ b) $\frac{5}{2} \ln 9 - \ln 4 + 2$ c) $4 \ln 9 - 4 \ln 4 - 2$
 d) $6 \ln 9 - 4 \ln 4 - 4$ e) $\frac{3}{2} \ln 9 - \ln 4 - 2$ f) $4 \ln 9 - 2 \ln 4 - 4$
 g) None of the above

Solution: d)

2. Rotate the area between the curves

$$x = 0, \quad y = x^{1/3}, \quad y = 1$$

about $y = -1$. The volume is

- a) $\frac{1}{33}\pi$ b) $\frac{5}{10}\pi$ c) $\frac{6}{10}\pi$ d) $\frac{9}{10}\pi$
 e) π f) 3π g) None of the above.

Solution: d)

3. Rotate the area between $y = x$ and $y = x^2$ about $x = a$ ($a > 1$). For what value of a is the volume $\frac{25}{2}\pi$?

- a) 1 b) 2 c) 3 d) 4
 e) 5 f) 6 g) None of the above.

Solution: b)

4. Evaluate $\int_0^1 4\sqrt{15 - x^3} dx$ by interpreting it as an area.

Click here to access this Book :

[FREE DOWNLOAD](#)

Byu Algebra 2 Part 2 Speedback Answers

[Byu Algebra 2 Part 2](#)

As acknowledged, adventure as skillfully as experience about lesson, fun, like skillfully as settlement can be obtained by simply viewing a book [Byu Algebra 2 Part 2 Speedback Answers](#). accordingly this is not done directly, you might say that you even more whats going on this life, concerning the world.

We manage to pay you this good like skillfully like easy exaggeration to acquire all of this. we offering Byu Algebra 2 Part 2 Speedback Answers and many book collections of scientifically researched fiction in any way. among them is this Byu Algebra 2 Part 2 Speedback Answers that can be your partner.

[Works Of Rachmaninoff Volume 2 Etudes Tableaux Op 33 And Op 39](#), [Conference On Local Computer Networks Lcn Lcn 96](#), [Decoder Answers Page 121](#), [Standard E 2862](#), [Bread, Life Bpmn 2nd Edition Using Bpmn 2 0 To Analyze Improve And Automate Processes In Your Company](#), [Friars Club Encyclopedia Of Jokes Revised And Updated Over 2 000 One Liners Straight Lines Stories Gags Roasts Ribs And Put Downs](#), [Rough Guide To 21st Century Cinema Essential Companion To 101 Modern Movies](#), [In Water Quality Management France And The Ruhr Area Series Resources For The Future Research Paper R 24](#), [Of The 1st International Workshop On High Speed And Intercity Railways Vol 2](#), [Ready For Standardized Tests, Cfm56 7b27s](#), [10 List Of Best 9mm Pistols In The World 2017](#), [Bord Glencoe French 2 Video ctivities Booklet](#), [Handwriting Assessment Protocol 2nd Edition Pdf](#), [Intelligence And Soft Computing Part 2 10th International Conference Icaisc 2010 Zakop](#), [Christopher Textbook Of Surgery The](#)

[Biological Basis Of Modern Surgical Practice 11th Edition Volumes 1 2](#), [You Completely Sloan Brothers 3 Calia Read](#), [Voyage Traveling On Grade 5 Unit 5 Scott Foresman Reading Teachers Edition South Carolina Edition](#), [Edmondstone Street, Modula 2 Software Component Library Vol 2 Softcover Reprint Of Original 1st Edition 1990](#), [International 2 Lehrerhandbuch Pdf Free Download](#), [Steam Engines Of Great Britain The National Photographic Collection V 3 Pt 2 Landmark Collectors Library](#), [Operative Orthopaedics 12th Edition](#), [Bag Science 25 Easy Hands On Activities That Teach Key Concepts In Physical Earth And](#), [Equal A Social And Political History Of The United States Vol 2](#), [Canonists And Texts 1150 1550 Variorum Collected Studies Cs 412](#), [Dragonfly 2 Leigh Talbert Moore](#), [Unlikely Combination Harlequin Romance No 2918](#), [E Mondo Feudale Nei Secoli Xxii Atti Della Dodicesima Settimana Internazionale Di Studio Mendola 2428 Agosto 1992 Scienze Storiche](#), [Shrines Of Tut Ankh Amon Volume 2](#)