

# SAT MATH DIAGNOSTIC EXAM

This diagnostic test was designed to give you a rough idea of what you would score in SAT math on the revised March 2016 exam. Since an actual SAT has not yet been administered there is currently no way to accurately report your score on practice tests. Nonetheless, I hope that this diagnostic exam will serve as a quick and easy way to estimate your current ability level.

Please take this diagnostic just as you would take the SAT. Notice that for the first part of the test a calculator is not allowed. For the second part of the test you may use a calculator. Please time yourself accurately and stop working as soon as your time is up. Continuing to answer questions after time is up will decrease the accuracy of your score. There is an answer key and scoring guide on the last page of this document.

## REFERENCE

For your convenience, here are the formulas that you will be given on the SAT. Feel free to look back at these formulas as your taking the diagnostic exam.



$$A = \pi r^2$$

$$C = 2\pi r$$



$$A = lw$$



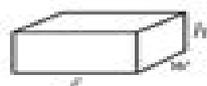
$$A = \frac{1}{2}bh$$



$$c^2 = a^2 + b^2$$



Special Right Triangles



$$V = lwh$$



$$V = \pi r^2 h$$



$$V = \frac{4}{3}\pi r^3$$



$$V = \frac{1}{3}\pi r^2 h$$



$$V = \frac{1}{3}lwh$$

The number of degrees of arc in a circle is 360.

The number of radians of arc in a circle is  $2\pi$ .

The sum of the measures in degrees of the angles of a triangle is 180.

# Sat Practice Latest

**RD Boyd**



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The Official SAT Study Guide, 2018 Edition The College Board, 2017-05-16 Includes 8 real SATs and official answer explanations Cover *The New York Times Practical Guide to Practically Everything, Second Edition* Amy D. Bernstein, Peter W. Bernstein, 2009-11-24 All the wisdom of The New York Times experts in every field is packed into one comprehensive volume that has been completely revised and updated Illustrations throughout *The Latest and Best of TESS*, 1991 *NBS Special Publication*, 1968 **The Yale Alumni Weekly**, 1912 **The Official SAT Study Guide**, 2015 **Path For Academic Success - 2013** Joshua Tiffany, 2014-01-16 With nearly a decade of college recruiting experience Josh Tiffany has met with thousands of high school students and parents who all have a skewed vision of how the college admission process works and what scholarships are available So many myths exist in the process so many families miss out on opportunities available to them because of these myths As a result Path4Success org was founded This organization is dedicated to helping students learn the importance of an education not only in high school but also the benefits of earning a college degree This book will help families start on the right path and will answer questions they have about the process *Yale Alumni Weekly*, 1911 Barron's 6 Practice Tests for the NEW SAT Philip Geer, Stephen A. Reiss, 2015-12-01 College bound students will find intensive test taking practice for the all important SAT in this brand new book They ll find everything they need to ace the test including Six full length practice exams similar in length structure question type and degree of difficulty to the new 2016 SAT All questions answered and explained Self appraisal information for scoring the SAT essay question Test taking tips and strategies that will help students use this book to their best advantage in order to maximize their scores This book offers excellent SAT test preparation when used alone and also makes a fine companion volume for test takers who purchase Barron s New SAT 28th Edition 978 1 4380 0649 9 *New SAT Practice Tests* Khalid Khashoggi, Arianna Astuni, 2016-05-08 Replicate the New SAT experience from the comfort of your own home With the five practice tests in this indispensable volume IES Test Prep will immerse you in the challenges in Reading Writing and Mathematics presented by the re designed exam Seeking for the most up to date material Eager to improve your score The tests you need are right here SAT 6 Practice Tests Ivy Global, 2019-07 Ivy Global The most accurate additional practice Ivy Global s new 6 Practice Tests includes 6 of the most precisely developed practice tests on the market after the College Board s official exams The book also includes a 100 page review that provides laser like focus on critical SAT content This book includes New SAT Practice Test 1 New SAT Practice Test 2 New SAT Practice Test 3 New SAT Practice Test 4 New SAT Practice Test 5 and New SAT Practice Test 6 These tests will help you raise your score and go into test day confident and prepared Why Ivy Global Rigor Tested Questions We perform real testing with high school students to help calibrate our tests difficulty High quality Passages Reading and Essay passages are adapted from articles in The New York Times The Atlantic and other high quality publications Most like College Board Our tests adhere directly to the College Board s detailed

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