5 Full-Length ATI TEAS 6 Math Practice Tests

The Practice You Need to Ace the ATI TEAS 6 Math Test

2020

Reza Nazari & Ava Ross

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TEAS 6 Math Test

By

Reza Nazari & Ava Ross

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ISBN-13: 978-1-64612-104-5

ISBN-10: 1-64612-104-X

Published by: Effortless Math Education

www.EffortlessMath.com

Description

5 Full-Length ATI TEAS 6 Math Practice Tests, which reflects the 2019 and 2020 test guidelines and topics, is designed to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to ace the TEAS 6 Math Test. The realistic and full-length ATI TEAS 6 Math tests show you how the test is structured and what math topics you need to master. The practice test questions are followed by answer explanations to help you find your weak areas, learn from your mistakes, and raise your ATI TEAS 6 Math score.

The surest way to succeed on ATI TEAS 6 Math Test is with intensive practice in every math topic tested-- and that's what you will get in ***5 Full-Length ATI TEAS 6 Math Practice Tests***. This ATI TEAS 6 Math new edition has been updated to replicate questions appearing on the most recent ATI TEAS 6 Math tests. This is a precious learning tool for ATI TEAS 6 Math test takers who need extra practice in math to improve their ATI TEAS 6 Math score. After taking the ATI TEAS 6 Math practice tests in this book, you will have solid foundation and adequate practice that is necessary to succeed on the ATI TEAS 6 Math test. **This book is your ticket to ace the ATI TEAS 6 Math!**

5 Full-Length ATI TEAS 6 Math Practice Tests contains many exciting and unique features to help you improve your test scores, including:

- Content 100% aligned with the 2019 - 2020 ATI TEAS 6 test
- Written by ATI TEAS 6 Math tutors and test experts
- Complete coverage of all ATI TEAS 6 Math concepts and topics which you will be tested
- Detailed answers and explanations for every ATI TEAS 6 Math practice questions to help you learn from your mistakes
- 5 full-length practice tests (featuring new question types) with detailed answers

This ATI TEAS 6 Math book and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the ATI TEAS 6 test.

About the Author

Reza Nazari is the author of more than 100 Math learning books including:
– Math and Critical Thinking Challenges: For the Middle and High School Student
– ATI TEAS 6 Math in 30 Days
– ASVAB Math Workbook 2018 - 2019
– Effortless Math Education Workbooks
– and many more Mathematics books …

Reza is also an experienced Math instructor and a test–prep expert who has been tutoring students since 2008. Reza is the founder of Effortless Math Education, a tutoring company that has helped many students raise their standardized test scores—and attend the colleges of their dreams. Reza provides an individualized custom learning plan and the personalized attention that makes a difference in how students view math.

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ATI TEAS 6 Test Review

The ATI TEAS (Test of Essential Academic Skills), known as TEAS, is an admissions test for nursing schools, and is designed to assess a student's preparedness entering the health science fields. The last edition (the sixth edition) of the test, called the ATI TEAS 6 Test, was published by ATI Testing on August 31, 2016.

The ATI TEAS 6 Test consists of four multiple-choice sections:

- ✓ **Reading:** 53 Questions – 64 Minutes
- ✓ **Mathematics:** 36 Questions – 54 Minutes
- ✓ **Science:** 53 Questions – 63 Minutes
- ✓ **English and Language Usage:** 28 Questions – 28 Minutes

The Math portion will consist of around 36 multiple-choice questions. It covers two main topics: Number and Algebra; Measurement and Data.
Test takers will be allowed to use a four-function calculator during the Math section of the ATI TEAS 6 test. A calculator will be included in the online version and students will be issued one at the testing center during a paper and pencil test.

In this book, there are 5 complete ATI TEAS 6 Math Tests. Take these tests to see what score you'll be able to receive on a real ATI TEAS 6 test.

Good luck!

Time to refine your skill with a practice examination

Take a practice ATI TEAS 6 Math Test to simulate the test day experience. After you've finished, score your test using the answer key.

Before You Start

- You'll need a pencil, a timer, and a four-function calculator to take the test.
- Use the answer sheet provided to record your answers. (You can cut it out or photocopy it)
- You will receive 1 point for every correct answer. There is no penalty for wrong answers.
- For each question there are four possible answers. Choose which one is best.
- It's okay to guess. You won't lose any points if you're wrong. So, make sure to answer every question before time is called, even if you have to guess on some questions.
- After you've finished the test, review the answer key to see where you went wrong and what areas you need to improve.

Good luck!

ATI TEAS 6 Math
Practice Test 1

2019 - 2020

Total number of questions: 36

Total time: 54 Minutes

You may use a calculator on this part.

ATI TEAS 6 Mathematics Practice Test Answer Sheet

Remove (or photocopy) this answer sheet and use it to complete the practice test.

ATI TEAS 6 Mathematics Practice Test 1 Answer Sheet					
1	Ⓐ Ⓑ Ⓒ Ⓓ	13	Ⓐ Ⓑ Ⓒ Ⓓ	25	Ⓐ Ⓑ Ⓒ Ⓓ
2	Ⓐ Ⓑ Ⓒ Ⓓ	14	Ⓐ Ⓑ Ⓒ Ⓓ	26	Ⓐ Ⓑ Ⓒ Ⓓ
3	Ⓐ Ⓑ Ⓒ Ⓓ	15	Ⓐ Ⓑ Ⓒ Ⓓ	27	Ⓐ Ⓑ Ⓒ Ⓓ
4	Ⓐ Ⓑ Ⓒ Ⓓ	16	Ⓐ Ⓑ Ⓒ Ⓓ	28	Ⓐ Ⓑ Ⓒ Ⓓ
5	Ⓐ Ⓑ Ⓒ Ⓓ	17	Ⓐ Ⓑ Ⓒ Ⓓ	29	Ⓐ Ⓑ Ⓒ Ⓓ
6	Ⓐ Ⓑ Ⓒ Ⓓ	18	Ⓐ Ⓑ Ⓒ Ⓓ	30	Ⓐ Ⓑ Ⓒ Ⓓ
7	Ⓐ Ⓑ Ⓒ Ⓓ	19	Ⓐ Ⓑ Ⓒ Ⓓ	31	Ⓐ Ⓑ Ⓒ Ⓓ
8	Ⓐ Ⓑ Ⓒ Ⓓ	20	Ⓐ Ⓑ Ⓒ Ⓓ	32	Ⓐ Ⓑ Ⓒ Ⓓ
9	Ⓐ Ⓑ Ⓒ Ⓓ	21	Ⓐ Ⓑ Ⓒ Ⓓ	33	Ⓐ Ⓑ Ⓒ Ⓓ
10	Ⓐ Ⓑ Ⓒ Ⓓ	22	Ⓐ Ⓑ Ⓒ Ⓓ	34	Ⓐ Ⓑ Ⓒ Ⓓ
11	Ⓐ Ⓑ Ⓒ Ⓓ	23	Ⓐ Ⓑ Ⓒ Ⓓ	35	Ⓐ Ⓑ Ⓒ Ⓓ
12	Ⓐ Ⓑ Ⓒ Ⓓ	24	Ⓐ Ⓑ Ⓒ Ⓓ	36	Ⓐ Ⓑ Ⓒ Ⓓ

1) The sum of two numbers is x. If one of the numbers is 9, then two times the other number would be?

☐A. $2x$ ☐B. $2 + x \times 2$

☐C. $2(x + 9)$ ☐D. $2(x - 9)$

2) A tree 32 feet tall casts a shadow 12 feet long. Jack is 6 feet tall. How long is Jack's shadow?

☐A. $2.25\ ft$ ☐B. $4\ ft$

☐C. $4.25\ ft$ ☐D. $8\ ft$

3) What is the product of all possible values of x in the following equation?

$$|2x - 6| = 12$$

☐A. -27 ☐B. -3

☐C. 9 ☐D. 27

4) What is the slope of a line that is perpendicular to the line $3x - y = 6$?

☐A. -3 ☐B. $-\frac{1}{3}$

☐C. 2 ☐D. 6

5) What is the value of the expression $3(x - 2y) + (2 - x)^2$ when $x = 5$ and $y = -3$?

☐A. -22 ☐B. 24

☐C. 42 ☐D. 88

6) $\frac{(15\ feet + 7\ yards)}{4}$ = _____

☐A. $4\ ft$ ☐B. $7\ ft$

☐C. $9\ ft$ ☐D. $28\ ft$

7) Which of the following answers represents the compound inequality $-4 \leq 4x - 8 < 16$?

☐A. $-2 \leq x \leq 8$ ☐C. $1 < x \leq 6$

☐B. $-2 < x \leq 8$ ☐D. $1 \leq x < 6$

8) What is the volume of a box with the following dimensions?

Hight = $4\ cm$ Width = $5\ cm$ Length = $6\ cm$

☐A. $15\ cm^3$ ☐B. $60\ cm^3$

☐C. $90\ cm^3$ ☐D. $120\ cm^3$

9) Simplify the expression.

$$(6x^3 - 8x^2 + 2x^4) - (4x^2 - 2x^4 + 2x^3)$$

☐A. $4x^4 + 4x^3 - 12x^2$ ☐B. $4x^3 - 12x^2$

☐C. $4x^4 + 4x^3 + 12x^2$ ☐D. $8x^3 - 12x^2$

10) In two successive years, the population of a town is increased by 15% and 20%. What percent of the population is increased after two years?

☐A. 32% ☐B. 35%

☐C. 38% ☐D. 68%

11) Last week $24{,}000$ fans attended a football match. This week three times as many bought tickets, but one sixth of them cancelled their tickets. How many are attending this week?

☐A. $48{,}000$ ☐B. $54{,}000$

☐C. $60{,}000$ ☐D. $72{,}000$

12) $\frac{7}{25}$ is equals to:

☐A. 0.3 ☐B. 2.8

☐C. 0.03 ☐D. 0.28

13) In the simplest form, $\frac{18}{24}$ is

☐A. $\frac{2}{3}$ ☐B. $\frac{3}{2}$

☐C. $\frac{4}{3}$ ☐D. $\frac{3}{4}$

14) The mean of 50 test scores was calculated as 88. But, it turned out that one of the scores was misread as 94 but it was 69. What is the correct mean of the test scores?

☐A. 85 ☐B. 87

☐C. 87.5 ☐D. 88.5

15) If two angles in a triangle measure 53 degrees and 45 degrees, what is the value of the third angle?

☐A. $8\ degrees$ ☐B. $42\ degrees$

☐C. $82\ degrees$ ☐D. $98\ degrees$

16) What is the area of a square whose diagonal is 8?

☐A. 16 ☐B. 32

☐C. 36 ☐D. 64

17) Anita's trick–or–treat bag contains 12 pieces of chocolate, 18 suckers, 18 pieces of gum, 24 pieces of licorice. If she randomly pulls a piece of candy from her bag, what is the probability of her pulling out a piece of sucker?

☐A. $\frac{1}{3}$ ☐B. $\frac{1}{4}$

☐C. $\frac{1}{6}$ ☐D. $\frac{1}{12}$

18) The perimeter of a rectangular yard is 60 meters. What is its length if its width is twice its length?

☐A. 10 meters ☐B. 18 meters

☐C. 20 meters ☐D. 24 meters

19) The average of 6 numbers is 12. The average of 4 of those numbers is 10. What is the average of the other two numbers?

☐A. 10 ☐B. 12

☐C. 14 ☐D. 16