

Student Workbook

and Two Realistic TABE Math Practice Tests

TABE Math Exercise Book 2019

- Content 100% aligned with the 2019 TABE® test
- Written by TABE ® Math tutors and test experts
- Complete coverage of all TABE Math concepts and topics which you will be tested
- Over 2,500 additional TABE math practice questions
- Abundant Math skill building exercises

2 full-length TABE Math practice tests with detailed answers

Reza Nazari & Ava Ross

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TABE Math Exercise Book

Student Workbook and Two Realistic

TABE Math Tests

By

Reza Nazari & Ava Ross

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Description

Get ready for the TABE Math Test with a PERFECT Math Workbook!

TABE Math Exercise book, which reflects the 2019 test guidelines and topics, is dedicated to preparing test takers to ace the TABE Math Test. This TABE Math workbook's new edition has been updated to replicate questions appearing on the most recent TABE Math tests. Here is intensive preparation for the TABE Math test, and a precious learning tool for test takers who need extra practice in math to raise their TABE Math scores. After completing this workbook, you will have solid foundation and adequate practice that is necessary to ace the TABE Math test. **This workbook is your ticket to score higher on TABE Math.**

The updated version of this hands-on workbook represents extensive exercises, math problems, sample TABE questions, and quizzes with answers and detailed solutions to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to defeat TABE exam on test day.

Each of math exercises is answered in the book and we have provided explanation of the answers for the two full-length TABE Math practice tests as well which will help test takers find their weak areas and raise their scores. This is a unique and perfect practice book to beat the TABE Math Test.

Separate math chapters offer a complete review of the TABE Math test, including:

- ✓ Arithmetic and Number Operations
- ✓ Algebra and Functions,
- ✓ Geometry and Measurement
- ✓ Data analysis, Statistics, & Probability
- ✓ … and also includes **two full-length practice tests!**

The surest way to succeed on TABE Math Test is with intensive practice in every math topic tested--and that's what you will get in ***TABE Math Exercise Book***. Each chapter of this focused format has a comprehensive review created by Test Prep experts that goes into detail to cover all of the content likely to appear on the TABE Math test. Not only does this all-inclusive workbook offer everything you will ever need to conquer TABE Math test, it also contains two full-length and realistic TABE Math tests that reflect the format and question types on the TABE to help you check your exam-readiness and identify where you need more practice.

Effortless Math Workbook *for the TABE Test* contains many exciting and unique features to help you improve your test scores, including:

- ✓ Content 100% aligned with the 2019 TABE test
- ✓ Written by TABE Math tutors and test experts
- ✓ Complete coverage of all TABE Math concepts and topics which you will be tested
- ✓ Over 2,500 additional TABE math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas
- ✓ Abundant Math skill building exercises to help test-takers approach different question types that might be unfamiliar to them
- ✓ Exercises on different TABE Math topics such as integers, percent, equations, polynomials, exponents and radicals
- ✓ 2 full-length practice tests (featuring new question types) with detailed answers

This TABE Math Workbook 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 TABE test.

Do NOT take the TABE test without reviewing the Math questions in this workbook!

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
– TABE 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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Chapter 1:

Whole Numbers

Topics that you'll practice in this chapter:

- ✓ Rounding
- ✓ Whole Number Addition and Subtraction
- ✓ Whole Number Multiplication and Division
- ✓ Rounding and Estimates

"Wherever there is number, there is beauty." –Proclus

Rounding

Round each number to the nearest ten.

1) $24 =$ ____
2) $98 =$ ____
3) $41 =$ ____
4) $26 =$ ____
5) $11 =$ ____
6) $35 =$ ____
7) $84 =$ ____
8) $70 =$ ____
9) $47 =$ ____
10) $63 =$ ____
11) $79 =$ ____
12) $55 =$ ____

Round each number to the nearest hundred.

13) $185 =$ ____
14) $254 =$ ____
15) $729 =$ ____
16) $109 =$ ____
17) $222 =$ ____
18) $311 =$ ____
19) $287 =$ ____
20) $927 =$ ____
21) $670 =$ ____
22) $563 =$ ____
23) $890 =$ ____
24) $479 =$ ____

Round each number to the nearest thousand.

25) $1{,}252 =$ ____
26) $1{,}950 =$ ____
27) $5{,}235 =$ ____
28) $3{,}567 =$ ____
29) $8{,}027 =$ ____
30) $52{,}512 =$ ____
31) $31{,}422 =$ ____
32) $12{,}723 =$ ____
33) $61{,}670 =$ ____
34) $71{,}290 =$ ____
35) $50{,}930 =$ ____
36) $38{,}568 =$ ____

Whole Number Addition and Subtraction

Find the sum or subtract.

1) $\begin{array}{r} 1{,}264 \\ +\ 856 \\ \hline \end{array}$

2) $\begin{array}{r} 2{,}689 \\ -\ 456 \\ \hline \end{array}$

3) $\begin{array}{r} 1{,}432 \\ -\ 556 \\ \hline \end{array}$

4) $\begin{array}{r} 2{,}820 \\ +\ 464 \\ \hline \end{array}$

5) $\begin{array}{r} 2{,}170 \\ +\ 245 \\ \hline \end{array}$

6) $\begin{array}{r} 3{,}221 \\ +2{,}560 \\ \hline \end{array}$

7) $\begin{array}{r} 3{,}788 \\ +1{,}892 \\ \hline \end{array}$

8) $\begin{array}{r} 4{,}238 \\ +2{,}576 \\ \hline \end{array}$

9) $\begin{array}{r} 3{,}515 \\ -\ 1{,}675 \\ \hline \end{array}$

10) $\begin{array}{r} 5{,}550 \\ -\ 4{,}120 \\ \hline \end{array}$

11) $\begin{array}{r} 3{,}357 \\ +\ 5{,}230 \\ \hline \end{array}$

12) $\begin{array}{r} 4{,}510 \\ -3{,}691 \\ \hline \end{array}$

Find the missing number.

13) $450 + ____ = 1{,}290$

14) $1{,}786 - ____ = 1{,}346$

15) $____ - 2{,}600 = 7{,}500$

16) $5{,}600 - 2{,}780 = ___$

17) $6{,}890 + ____ = 7{,}460$

18) $3{,}322 - 1{,}795 = ____$

Whole Number Multiplication and Division

Calculate each product.

1) $\begin{array}{r} 26 \\ \times\ 12 \\ \hline \quad\quad \end{array}$

2) $\begin{array}{r} 60 \\ \times\ 15 \\ \hline \quad\quad \end{array}$

3) $\begin{array}{r} 50 \\ \times\ 14 \\ \hline \quad\quad \end{array}$

4) $\begin{array}{r} 46 \\ \times\ 20 \\ \hline \quad\quad \end{array}$

5) $\begin{array}{r} 150 \\ \times\ 15 \\ \hline \quad\quad \end{array}$

6) $\begin{array}{r} 120 \\ \times\ 11 \\ \hline \quad\quad \end{array}$

Find the missing quotient.

7) $240 \div 5 =$ _____

8) $280 \div 4 =$ _____

9) $360 \div 6 =$ _____

10) $500 \div 10 =$ _____

11) $400 \div 8 =$ _____

12) $720 \div 8 =$ _____

13) $1500 \div 3 =$ _____

14) $2400 \div 6 =$ _____

15) $1600 \div 20 =$ _____

16) $3200 \div 40 =$ _____

Solve each problem.

17) $240 \div 4 = N,\ N =$ __

18) $1250 \div 5 = N,\ N =$ __

19) $N \div 6 = 75\ ,\ N =$ __

20) $45 \times N = 270,\ N =$ __

21) $880 \div N = 220,\ N =$ __

22) $N \times 8 = 504,\ N =$ __

Rounding and Estimates

Estimate the sum by rounding each number to the nearest ten.

1) $14 + 68 =$ _____

2) $82 + 12 =$ _____

3) $43 + 66 =$ _____

4) $47 + 65 =$ _____

5) $553 + 232 =$ _____

6) $418 + 846 =$ _____

7) $582 + 277 =$ _____

8) $2771 + 1651 =$ _____

Estimate the product by rounding each number to the nearest ten.

9) $55 \times 62 =$ _____

10) $14 \times 27 =$ _____

11) $34 \times 66 =$ _____

12) $18 \times 12 =$ _____

13) $62 \times 53 =$ _____

14) $41 \times 26 =$ _____

15) $19 \times 33 =$ _____

16) $76 \times 45 =$ _____

Estimate the sum or product by rounding each number to the nearest ten.

17) $\begin{array}{r} 34 \\ \times\ 26 \\ \hline \end{array}$ _____

19) $\begin{array}{r} 78 \\ +\ 92 \\ \hline \end{array}$ _____

21) $\begin{array}{r} 73 \\ \times\ 12 \\ \hline \end{array}$ _____

18) $\begin{array}{r} 53 \\ \times\ 18 \\ \hline \end{array}$ _____

20) $\begin{array}{r} 55 \\ +9 \\ \hline \end{array}$ _____

22) $\begin{array}{r} 81 \\ +\ 53 \\ \hline \end{array}$ _____

Answers of Worksheets – Chapter 1

Rounding

1) 20
2) 100
3) 40
4) 30
5) 10
6) 40
7) 80
8) 70
9) 50
10) 60
11) 80
12) 60
13) 200
14) 300
15) 700
16) 100
17) 200
18) 300
19) 300
20) 900
21) 700
22) 600
23) 900
24) 500
25) 1,000
26) 2,000
27) 5,000
28) 4,000
29) 8,000
30) 53,000
31) 31,000
32) 13,000
33) 62,000
34) 71,000
35) 51,000
36) 39,000

Whole Number Addition and Subtraction

1) 2,120
2) 2,233
3) 876
4) 3,284
5) 2,415
6) 5,781
7) 5,680
8) 6,814
9) 1,840
10) 1,430
11) 8,587
12) 819
13) 840
14) 440
15) 10,100
16) 2,820
17) 570
18) 1,527

Whole Number Multiplication and Division

1) 312
2) 900
3) 700
4) 920
5) 2,250
6) 1,320
7) 48
8) 70
9) 60
10) 50
11) 50
12) 90
13) 500
14) 400
15) 60
16) 80
17) 60
18) 250
19) 450
20) 6
21) 4
22) 63

Rounding and Estimates

1) 80
2) 90
3) 110
4) 120
5) 780
6) 1,270
7) 860
8) 4,420
9) 3,600
10) 300
11) 2,100
12) 200
13) 3,000
14) 1,200
15) 600
16) 4,000
17) 900
18) 1,000
19) 170
20) 150
21) 700
22) 130

Chapter 2:

Fractions and Decimals

Topics that you'll practice in this chapter:

- ✓ Simplifying Fractions
- ✓ Adding and Subtracting Fractions
- ✓ Multiplying and Dividing Fractions
- ✓ Adding and Subtract Mixed Numbers
- ✓ Multiplying and Dividing Mixed Numbers
- ✓ Adding and Subtracting Decimals
- ✓ Multiplying and Dividing Decimals
- ✓ Comparing Decimals
- ✓ Rounding Decimals
- ✓ Factoring Numbers
- ✓ Greatest Common Factor
- ✓ Least Common Multiple

"A Man is like a fraction whose numerator is what he is and whose denominator is what he thinks of himself. The larger the denominator, the smaller the fraction." –Tolstoy

Simplifying Fractions

Simplify each fraction to its lowest terms.

1) $\frac{9}{18} =$

2) $\frac{8}{10} =$

3) $\frac{6}{8} =$

4) $\frac{5}{20} =$

5) $\frac{18}{24} =$

6) $\frac{6}{9} =$

7) $\frac{12}{15} =$

8) $\frac{4}{16} =$

9) $\frac{18}{36} =$

10) $\frac{6}{42} =$

11) $\frac{13}{39} =$

12) $\frac{21}{28} =$

13) $\frac{63}{77} =$

14) $\frac{36}{40} =$

15) $\frac{21}{63} =$

16) $\frac{30}{84} =$

17) $\frac{50}{125} =$

18) $\frac{72}{108} =$

19) $\frac{49}{112} =$

20) $\frac{240}{320} =$

21) $\frac{120}{150} =$

Solve each problem.

22) Which of the following fractions equal to $\frac{4}{5}$? ____

A. $\frac{64}{75}$ B. $\frac{92}{115}$ C. $\frac{60}{85}$ D. $\frac{160}{220}$

23) Which of the following fractions equal to $\frac{3}{7}$? ____

A. $\frac{63}{147}$ B. $\frac{75}{182}$ C. $\frac{54}{140}$ D. $\frac{39}{98}$

24) Which of the following fractions equal to $\frac{2}{9}$? ____

A. $\frac{84}{386}$ B. $\frac{52}{234}$ C. $\frac{96}{450}$ D. $\frac{112}{522}$

Adding and Subtracting Fractions

Find the sum.

1) $\frac{1}{3}+\frac{2}{3}=$

2) $\frac{1}{2}+\frac{1}{3}=$

3) $\frac{2}{5}+\frac{1}{2}=$

4) $\frac{3}{7}+\frac{2}{3}=$

5) $\frac{3}{4}+\frac{2}{5}=$

6) $\frac{3}{5}+\frac{1}{5}=$

7) $\frac{5}{9}+\frac{1}{2}=$

8) $\frac{3}{5}+\frac{3}{8}=$

9) $\frac{5}{9}+\frac{3}{7}=$

10) $\frac{5}{11}+\frac{1}{4}=$

11) $\frac{3}{7}+\frac{1}{6}=$

12) $\frac{3}{14}+\frac{3}{4}=$

Find the difference.

13) $\frac{1}{2}-\frac{1}{3}=$

14) $\frac{4}{5}-\frac{2}{3}=$

15) $\frac{2}{3}-\frac{1}{6}=$

16) $\frac{3}{5}-\frac{1}{2}=$

17) $\frac{8}{9}-\frac{2}{5}=$

18) $\frac{4}{7}-\frac{1}{9}=$

19) $\frac{2}{5}-\frac{1}{4}=$

20) $\frac{5}{8}-\frac{2}{6}=$

21) $\frac{4}{15}-\frac{1}{10}=$

22) $\frac{7}{20}-\frac{1}{5}=$

23) $\frac{3}{18}-\frac{1}{12}=$

24) $\frac{9}{24}-\frac{3}{16}=$

25) $\frac{3}{7}-\frac{2}{5}=$

26) $\frac{5}{9}-\frac{1}{6}=$

27) $\frac{2}{5}-\frac{1}{10}=$

28) $\frac{5}{12}-\frac{2}{9}=$

29) $\frac{2}{13}-\frac{3}{7}=$

30) $\frac{4}{11}-\frac{5}{8}=$