Everything You Need to Help Achieve an Excellent Score

A Comprehensive Review of **STAAR Grade 8** Math test

2024

STAAR Grade 8 Math Worksheets

You Will Discover

- ✓ Your Ultimate Math Test Prep
- ✓ A Secret Weapon for STAAR Grade 8 Math Success
- ✓ The Essential Math Practice Companion
- ✓ Two Full Length STAAR Grade 8 Math Practice Tests

✓ Recommended by Test Prep Experts

Reza Nazari

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By

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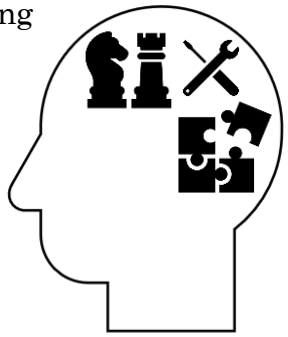
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STEP 4: Learn and Practice Test-taking Strategies



In the following sections, you will find important test-taking strategies and tips that can help you earn extra points. You'll learn how to think strategically and when to guess if you don't know the answer to a question. Using STAAR Grade 8 Math test-taking strategies and tips can help you raise your score and do well on the test. Apply test taking strategies on the practice tests to help you boost your confidence.

STEP 5: Learn the STAAR Grade 8 Test Format and Take Practice Tests



The *STAAR Grade 8 Test Review* section provides information about the structure of the STAAR Grade 8 test. Read this section to learn more about the STAAR test structure, different test sections, the number of questions in each section, and the section time limits. When you have a prior understanding of the test format and different types of STAAR Grade 8 Math questions, you'll feel more confident when you take the actual exam.

Once you have read through the instructions and lessons and feel like you are ready to go – take advantage of both of the full-length STAAR Grade 8 Math practice tests available in this study guide. Use the practice tests to sharpen your skills and build confidence.

The STAAR Grade 8 Math practice tests offered at the end of the book are formatted similarly to the actual STAAR Grade 8 Math test. When you take each practice test, try to simulate actual testing conditions. To take the practice tests, sit in a quiet space, time yourself, and work through as many of the questions as time allows. The practice tests are followed by detailed answer explanations to help you find your weak areas, learn from your mistakes, and raise your STAAR Grade 8 Math score.

STEP 6: Analyze Your Performance



After taking the practice tests, look over the answer keys and explanations to learn which questions you answered correctly and which you did not. Never be discouraged if you make a few mistakes. See them as a learning opportunity. This will highlight your strengths and weaknesses.

You can use the results to determine if you need additional practice or if you are ready to take the actual STAAR Grade 8 Math test.

Looking for more?

Visit effortlessmath.com/STAAR to find hundreds of STAAR Grade 8 Math worksheets, video tutorials, practice tests, STAAR Grade 8 Math formulas, and much more.

Or scan this QR code.

No Registration Required.

Adding and Subtracting Fractions

Calculate and write the answer in the lowest term.

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

2) $\frac{3}{7}+\frac{4}{5}=$

3) $\frac{3}{8}-\frac{1}{9}=$

4) $\frac{4}{5}-\frac{5}{9}=$

5) $\frac{2}{9}+\frac{1}{3}=$

6) $\frac{3}{10}+\frac{2}{5}=$

7) $\frac{9}{10}-\frac{4}{5}=$

8) $\frac{7}{9}-\frac{3}{7}=$

9) $\frac{3}{4}+\frac{1}{3}=$

10) $\frac{3}{8}+\frac{2}{5}=$

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

12) $\frac{7}{9}-\frac{2}{3}=$

13) $\frac{4}{9}+\frac{5}{6}=$

14) $\frac{2}{3}+\frac{1}{4}=$

15) $\frac{9}{10}-\frac{3}{5}=$

16) $\frac{7}{12}-\frac{1}{2}=$

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

18) $\frac{5}{7}+\frac{1}{5}=$

19) $\frac{5}{9}-\frac{2}{5}=$

20) $\frac{3}{5}-\frac{2}{9}=$

21) $\frac{7}{9}+\frac{1}{7}=$

22) $\frac{5}{8}+\frac{2}{3}=$

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

24) $\frac{6}{7}-\frac{4}{9}=$

25) $\frac{4}{5}-\frac{2}{15}=$

26) $\frac{2}{9}+\frac{4}{5}=$

Adding and Subtracting Fractions - Answers

Calculate and write the answer in the lowest term.

1) $\frac{1}{5}+\frac{1}{7}=\frac{12}{35}$

2) $\frac{3}{7}+\frac{4}{5}=\frac{43}{35}$

3) $\frac{3}{8}-\frac{1}{9}=\frac{19}{72}$

4) $\frac{4}{5}-\frac{5}{9}=\frac{11}{45}$

5) $\frac{2}{9}+\frac{1}{3}=\frac{5}{9}$

6) $\frac{3}{10}+\frac{2}{5}=\frac{7}{10}$

7) $\frac{9}{10}-\frac{4}{5}=\frac{1}{10}$

8) $\frac{7}{9}-\frac{3}{7}=\frac{22}{63}$

9) $\frac{3}{4}+\frac{1}{3}=\frac{13}{12}$

10) $\frac{3}{8}+\frac{2}{5}=\frac{31}{40}$

11) $\frac{3}{4}-\frac{2}{5}=\frac{7}{20}$

12) $\frac{7}{9}-\frac{2}{3}=\frac{1}{9}$

13) $\frac{4}{9}+\frac{5}{6}=\frac{23}{18}$

14) $\frac{2}{3}+\frac{1}{4}=\frac{11}{12}$

15) $\frac{9}{10}-\frac{3}{5}=\frac{3}{10}$

16) $\frac{7}{12}-\frac{1}{2}=\frac{1}{12}$

17) $\frac{4}{5}+\frac{2}{3}=\frac{22}{15}$

18) $\frac{5}{7}+\frac{1}{5}=\frac{32}{35}$

19) $\frac{5}{9}-\frac{2}{5}=\frac{7}{45}$

20) $\frac{3}{5}-\frac{2}{9}=\frac{17}{45}$

21) $\frac{7}{9}+\frac{1}{7}=\frac{58}{63}$

22) $\frac{5}{8}+\frac{2}{3}=\frac{31}{24}$

23) $\frac{4}{7}+\frac{2}{3}=\frac{26}{21}$

24) $\frac{6}{7}-\frac{4}{9}=\frac{26}{63}$

25) $\frac{4}{5}-\frac{2}{15}=\frac{2}{3}$

26) $\frac{2}{9}+\frac{4}{5}=\frac{46}{45}$

Find more at bit.ly/3nKet2X

Multiplying and dividing fraction

Solve and write the answer in lowest term.

1) $\frac{1}{2} \times \frac{4}{5} =$

2) $\frac{1}{5} \times \frac{6}{7} =$

3) $\frac{1}{3} \div \frac{1}{7} =$

4) $\frac{1}{7} \div \frac{3}{8} =$

5) $\frac{2}{3} \times \frac{4}{7} =$

6) $\frac{5}{7} \times \frac{3}{4} =$

7) $\frac{2}{5} \div \frac{3}{7} =$

8) $\frac{3}{7} \div \frac{5}{8} =$

9) $\frac{3}{8} \times \frac{4}{7} =$

10) $\frac{2}{9} \times \frac{6}{11} =$

11) $\frac{1}{10} \div \frac{3}{8} =$

12) $\frac{3}{10} \div \frac{4}{5} =$

13) $\frac{6}{7} \times \frac{4}{9} =$

14) $\frac{3}{7} \times \frac{5}{6} =$

15) $\frac{7}{9} \div \frac{6}{11} =$

16) $\frac{1}{15} \div \frac{2}{3} =$

17) $\frac{1}{13} \times \frac{1}{2} =$

18) $\frac{1}{12} \times \frac{4}{7} =$

19) $\frac{1}{15} \div \frac{4}{9} =$

20) $\frac{1}{16} \div \frac{1}{2} =$

21) $\frac{4}{7} \times \frac{5}{8} =$

22) $\frac{1}{11} \times \frac{4}{5} =$

23) $\frac{1}{18} \div \frac{5}{6} =$

24) $\frac{1}{15} \div \frac{3}{8} =$

25) $\frac{1}{11} \times \frac{3}{4} =$

26) $\frac{1}{14} \times \frac{2}{3} =$