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# STAAR Grade 8 Math Workbook

## 2020 - 2021

**The Most Comprehensive Review for the Math Section of the STAAR Grade 8 Test**

**Recommended by Test Prep Experts**

Reza Nazari & Ava Ross

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# STAAR Grade 8 Math Workbook 2020 - 2021

*The Most Comprehensive Review for the Math Section of the STAAR Grade 8 Test*

**By**

Reza Nazari & Ava Ross

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Reza Nazari & Ava Ross

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# Description

***STAAR Grade 8 Math Workbook 2020 – 2021,*** which reflects the 2020 – 2021 test guidelines and topics, provides students with the confidence and math skills they need to succeed on the STAAR Math, offering a solid foundation of basic Math topics with abundant exercises for each topic. It is designed to address the needs of STAAR test takers who must have a working knowledge of basic Math.

***This comprehensive workbook*** with over 2,500 sample questions and 2 full-length STAAR Math tests is all you need to fully prepare for the STAAR Math. It will help you learn everything you need to ace the math section of the STAAR test.

This STAAR Math workbook's new edition has been updated to replicate questions appearing on the most recent STAAR math tests. Upon completion of this workbook, you will have a solid foundation and sufficient practice to ace the STAAR Math test. **This workbook is your ticket to scoring higher on STAAR Grade 8 Math.**

Inside the pages of this comprehensive STAAR Math workbook, you can learn basic math operations in a structured manner with a complete study program to help you understand essential math skills. It also has many exciting features, including:

- ✓ Content 100% aligned with the 2020 STAAR ® test
- ✓ Written by STAAR ® Math tutors and test experts
- ✓ Complete coverage of all STAAR Math concepts and topics which you will be tested
- ✓ Over 2,500 additional STAAR 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 STAAR Math topics such as integers, percent, equations, polynomials, exponents and radicals
- ✓ 2 full-length practice tests (featuring new question types) with detailed answers

This STAAR 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 STAAR test.

| Name: …… | Date: …… |
|---|---|

**Homework: #.....**

## Multiplying and Dividing Decimals

***Solve.***

1) $11.2 \times 0.4 =$
2) $13.5 \times 0.8 =$
3) $42.2 \div 2 =$
4) $54.6 \div 6 =$
5) $23.1 \times 0.3 =$
6) $1.2 \times 0.7 =$
7) $5.5 \div 0.5 =$
8) $64.8 \div 8 =$
9) $1.4 \times 0.5 =$
10) $4.5 \times 0.3 =$
11) $88.8 \div 4 =$
12) $10.5 \div 5 =$
13) $2.2 \times 0.3 =$
14) $0.2 \times 0.52 =$
15) $95.7 \div 100 =$
16) $36.6 \div 6 =$
17) $3.2 \times 2 =$
18) $4.1 \times 0.5 =$
19) $68.4 \div 2 =$
20) $27.9 \div 9 =$
21) $3.5 \times 4 =$
22) $4.8 \times 0.5 =$
23) $6.4 \div 4 =$
24) $72.8 \div 0.8 =$
25) $1.8 \times 3 =$
26) $6.5 \times 0.2 =$
27) $93.6 \div 3 =$
28) $45.15 \div 0.5 =$
29) $13.2 \times 0.4 =$
30) $11.2 \times 5 =$
31) $7.2 \div 0.8 =$
32) $96.4 \div 0.2 =$

Name: ……. Date: ……

**Homework: #…..**

## Multiplying and Dividing Decimals - Answers

***Solve.***

1) $11.2 \times 0.4 = 4.48$
2) $13.5 \times 0.8 = 10.8$
3) $42.2 \div 2 = 21.1$
4) $54.6 \div 6 = 9.1$
5) $23.1 \times 0.3 = 6.93$
6) $1.2 \times 0.7 = 0.84$
7) $5.5 \div 5 = 1.1$
8) $64.8 \div 8 = 8.1$
9) $1.4 \times 0.5 = 0.7$
10) $4.5 \times 0.3 = 1.35$
11) $88.8 \div 4 = 22.2$
12) $10.5 \div 5 = 2.1$
13) $2.2 \times 0.3 = 0.66$
14) $0.2 \times 0.52 = 0.104$
15) $95.7 \div 100 = 0.957$
16) $36.6 \div 6 = 6.1$
17) $3.2 \times 2 = 6.4$
18) $4.1 \times 0.5 = 2.05$
19) $68.4 \div 2 = 34.2$
20) $27.9 \div 9 = 3.1$
21) $3.5 \times 4 = 14$
22) $4.8 \times 0.5 = 2.4$
23) $6.4 \div 4 = 1.6$
24) $72.8 \div 0.8 = 91$
25) $1.8 \times 3 = 5.4$
26) $6.5 \times 0.2 = 1.3$
27) $93.6 \div 3 = 31.2$
28) $45.15 \div 0.5 = 90.3$
29) $13.2 \times 0.4 = 5.28$
30) $11.2 \times 5 = 56$
31) $7.2 \div 0.8 = 9$
32) $96.4 \div 0.2 = 482$

| Name: …… | Date: …… |
|---|---|

**Homework: #…..**

## Adding and Subtracting Integers

***Solve.***

1) $-(8)+13=$
2) $17-(-12-8)=$
3) $(-15)+(-4)=$
4) $(-14)+(-8)+9=$
5) $-(23)+19=$
6) $(-7+5)-9=$
7) $28+(-32)=$
8) $(-11)+(-9)+5=$
9) $25-(8-7)=$
10) $-(29)+17=$
11) $(-38)+(-3)+29=$
12) $15-(-7+9)=$
13) $24-(8-2)=$
14) $(-7+4)-9=$
15) $(-17)+(-3)+9=$
16) $(-26)+(-7)+8=$
17) $(-9)+(-11)=$
18) $8-(-23-13)=$
19) $(-16)+(-2)=$
20) $25-(7-4)=$
21) $23+(-12)=$
22) $(-18)+(-6)=$
23) $17-(-21-7)=$
24) $-(28)-(-16)+5=$
25) $(-9+4)-8=$
26) $(-28)+(-6)+17=$
27) $-(21)-(-15)+9=$
28) $(-31)+(-6)=$
29) $(-17)+(-11)+14=$
30) $(-29)+(-10)+13=$
31) $-(24)-(-12)+5=$
32) $8-(-19-10)=$

Name: …… Date: ……

**Homework: #…..**

## Adding and Subtracting Integers - Answers

*Solve.*

1) $-(8)+13=5$

2) $17-(-12-8)=37$

3) $(-15)+(-4)=-19$

4) $(-14)+(-8)+9=-13$

5) $-(23)+19=-4$

6) $(-7+5)-9=-11$

7) $28+(-32)=-4$

8) $(-11)+(-9)+5=-15$

9) $25-(8-7)=24$

10) $-(29)+17=-12$

11) $(-38)+(-3)+29=-12$

12) $15-(-7+9)=13$

13) $24-(8-2)=18$

14) $(-7+4)-9=-12$

15) $(-17)+(-3)+9=-11$

16) $(-26)+(-7)+8=-25$

17) $(-9)+(-11)=-20$

18) $8-(-23-13)=44$

19) $(-16)+(-2)=-18$

20) $25-(7-4)=22$

21) $23+(-12)=11$

22) $(-18)+(-6)=-24$

23) $17-(-21-7)=45$

24) $-(28)-(-16)+5=-7$

25) $(-9+4)-8=-13$

26) $(-28)+(-6)+17=-17$

27) $-(21)-(-15)+9=3$

28) $(-31)+(-6)=-37$

29) $(-17)+(-11)+14=-14$

30) $(-29)+(-10)+13=-26$

31) $-(24)-(-12)+5=-7$

32) $8-(-19-10)=37$

| Name: …… | Date: …… |
|---|---|

**Homework: #.....**

## Multiplying and Dividing Integers

*Solve.*

1) $(-9) \times (-8) =$

2) $6 \times (-6) =$

3) $49 \div (-7) =$

4) $(-64) \div 8 =$

5) $(4) \times (-6) =$

6) $(-9) \times (-11) =$

7) $(10) \div (-5) =$

8) $144 \div (-12) =$

9) $(10) \times (-2) =$

10) $(-8) \times (-2) \times 5 =$

11) $(8) \div (-2) =$

12) $45 \div (-15) =$

13) $(5) \times (-7) =$

14) $(-6) \times (-5) \times 4 =$

15) $(12) \div (-6) =$

16) $(14) \div (-7) =$

17) $196 \div (-14) =$

18) $(27 - 13) \times (-2) =$

19) $125 \div (-5) =$

20) $66 \div (-6) =$

21) $(-6) \times (-5) \times 3 =$

22) $(15 - 6) \times (-3) =$

23) $(32 - 24) \div (-4) =$

24) $72 \div (-6) =$

25) $(-14 + 8) \times (-7) =$

26) $(-3) \times (-9) \times 3 =$

27) $84 \div (-12) =$

28) $(-12) \times (-10) =$

29) $25 \times (-4) =$

30) $(-3) \times (-5) \times 5 =$

31) $(15) \div (-3) =$

32) $(-18) \div (3) =$

Name: ……. Date: ……

**Homework: #…..**

## Multiplying and Dividing Integers - Answers

***Solve.***

1) $(-9) \times (-8) = 72$
2) $6 \times (-6) = -36$
3) $49 \div (-7) = -7$
4) $(-64) \div 8 = -8$
5) $(4) \times (-6) = -24$
6) $(-9) \times (-11) = 99$
7) $(10) \div (-5) = -2$
8) $144 \div (-12) = -12$
9) $(10) \times (-2) = -20$
10) $(-8) \times (-2) \times 5 = 80$
11) $(8) \div (-2) = -4$
12) $45 \div (-15) = -3$
13) $(5) \times (-7) = -35$
14) $(-6) \times (-5) \times 5 = 150$
15) $(12) \div (-6) = -2$
16) $(14) \div (-7) = -2$
17) $196 \div (-14) = -14$
18) $(27 - 13) \times (-2) = -28$
19) $125 \div (-5) = 25$
20) $66 \div (-6) = -11$
21) $(-6) \times (-5) \times 3 = 90$
22) $(15 - 6) \times (-3) = -27$
23) $(32 - 24) \div (-4) = -2$
24) $72 \div (-6) = -12$
25) $(-14 + 8) \times (-7) = 42$
26) $(-3) \times (-9) \times 3 = 81$
27) $84 \div (-12) = -7$
28) $(-12) \times (-10) = 120$
29) $25 \times (-4) = -100$
30) $(-3) \times (-5) \times 5 = 75$
31) $(15) \div (-3) = -5$
32) $(-18) \div (3) = -6$