

Ohio OST Grade 5 Math Workbook

Practice Problems & Exercises with Answer Key

Dr. A. Nazari

Copyright © 2026 Dr. A. Nazari

Published by View Math Education

ViewMath.com

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

The information in this book is distributed on an “as is” basis, without warranty. While every precaution has been taken in the preparation of this work, neither the author nor the publisher shall have any liability to any person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the information contained in this book.

Copyright © 2026

LET'S PRACTICE!

Grade 5 Math Workbook!



Hi there, math superstar! ★

This workbook is packed with **practice problems** to help you become a math champion! Each topic has a quick review, warm-up problems, lots of practice, and fun challenges.

- ✓ Practice makes you **stronger!**
- ✓ Take your time and **show your work!**
- ✓ Check your answers at the **back of the book!**

Grab a pencil and let's get started! 🚀

“ The more you practice, the better you get!
I believe in you! ”



CHAPTER

1

Place Value & Decimals

★ *What's Inside* ★

1.1 <i>Place Value Relationships</i>	2
---	----------

★ 1.1 Place Value Relationships ★

★ Place Value Relationships ★

Quick Review: Place Value Relationships

Each place in a number is **10 times** the value of the place to its right and **one-tenth** ($\frac{1}{10}$) the value of the place to its left.

- Whole-number places: ... thousands, hundreds, tens, ones.
- Decimal places: tenths, hundredths, thousandths.
- Moving **left** → value gets $10\times$ bigger. Moving **right** → value gets $10\times$ smaller.

Example: In 5,555.555, every digit is 5 but each has a different value:

5,000 500 50 5 . 0.5 0.05 0.005

Each value is 10 times the one to its right.

Warm-Up

Name the Place

What place is the underlined digit in?

1. 7,342 _____

2. 5,819 _____

3. 4.623 _____

4. 0.391 _____

5. 12.507 _____

6. 3.456 _____



Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)



 What's the Value?

Write the **value** of the underlined digit.

7. 4,712

11. 0.937

8. 6,308

12. 1.425

9. 9,051

13. 7.008

10. 2,846

14. 5.555

 10 Times or $\frac{1}{10}$?

15. In 2,255, the 2 in the **thousands** place is how many times the value of the 2 in the **hundreds** place?

16. In 0.77, the 7 in the **hundredths** place is what fraction of the 7 in the **tenths** place?

17. In 6,600, how many times greater is the 6 in the **thousands** place than the 6 in the **hundreds** place?

18. In 44.4, the 4 in the **tenths** place is what fraction of the 4 in the **ones** place?

19. In 3,030, the 3 in the **thousands** place is how many times the value of the 3 in the **tens** place?

20. In 8.088, the 8 in the **thousandths** place is what fraction of the 8 in the **ones** place?



Get Online



Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)



 True or False?

21. A digit in the hundreds place is 10 times the value of the same digit in the tens place. True ☐

False ☐

22. In 999, all three digits have the same value. True ☐ False ☐

23. The 4 in 0.04 is $\frac{1}{10}$ of the 4 in 0.4. True ☐ False ☐

24. In 5.55, the 5 in the hundredths place is 100 times the 5 in the ones place. True ☐ False ☐

 Word Problems

25. Maya writes the number 7,770.77. How many times greater is the 7 in the thousands place than the 7 in the tens place?

Answer: _____ times

26. A penny is worth \$0.01 and a dime is worth \$0.10. How many times more is a dime worth than a penny?

Answer: _____ times

27. Carlos says the 3 in 3.3 has the same value in both places because it's the same digit. Is he correct? Explain.

Answer: _____

28. In the number 4,444.44, how many times greater is the 4 in the thousands place than the 4 in the hundredths place?

Answer: _____ times



Get Online



Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)



 [ViewMath.com](https://www.viewmath.com)

 Challenge!

29. In 9,999.999, how many times greater is the 9 in the **thousands** place than the 9 in the **thousandths** place? _____

30. I am thinking of a number where the digit 6 appears twice. One 6 is worth 600 and the other is worth 0.06. How many times greater is the first 6 than the second? _____

31. Write a number where the digit 2 appears in both the tens place and the tenths place. Then explain how the two 2s are related.

 You just mastered the $\times 10$ secret
of place value — awesome work! 



Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)



CHAPTER

2

Operations with Decimals

★ *What's Inside* ★

2.1 *Add Decimals* 7



★ 2.1 Add Decimals ★

★ Add Decimals ★

Quick Review: Adding Decimals

To add decimals, **line up the decimal points** so each place value is in the correct column. Then add from right to left, just like whole numbers.

- **Annex zeros** so both numbers have the same number of decimal places.
- **Regroup** (carry) when a column totals 10 or more.
- **Bring down** the decimal point into the answer.

Example: $5.6 + 3.87 \rightarrow 5.60 + 3.87 = 9.47$

Estimate to check: $6 + 4 = 10$. Since 9.47 is close to 10, the answer is reasonable.

Warm-Up

Add (Same Number of Decimal Places)

1. $2.31 + 4.56 =$ _____

4. $0.18 + 0.71 =$ _____

2. $1.24 + 3.65 =$ _____

5. $3.05 + 4.92 =$ _____

3. $5.40 + 2.30 =$ _____

6. $6.50 + 1.25 =$ _____



Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)



 Line Up and Add **Different Numbers of Decimal Places**

Annex zeros if needed, then add.

7. $4.7 + 2.35 =$ _____

10. $12.9 + 3.05 =$ _____

8. $8 + 1.64 =$ _____

11. $5 + 0.78 =$ _____

9. $0.6 + 0.38 =$ _____

12. $9.1 + 4.86 =$ _____

 Add with Regrouping **Show Your Work**

Add using the standard algorithm. Show regrouping.

13. $6.78 + 4.56 =$ _____

14. $15.87 + 9.65 =$ _____

15. $7.96 + 3.48 + 2.07 =$ _____



Find more at
ViewMath.com/Grade5



 **ViewMath.com**



 True or False?

16. $3.4 + 2.6 = 6.0$

True ☐ False ☐17. When adding $7.5 + 0.32$, you should write 7.5 as 7.50.True ☐ False ☐

18. $0.09 + 0.01 = 0.010$

True ☐ False ☐

19. $4.25 + 5.75 = 10.00$

True ☐ False ☐ Word Problems

20. A book costs \$7.85 and a magazine costs \$3.50. How much do they cost together?

Answer: _____

21. Marcus jogged 2.75 km in the morning and 1.8 km in the afternoon. How far did he jog in all?

Answer: _____ km

22. Three boxes weigh 5.4 kg, 3.25 kg, and 2.15 kg. What is the total weight?

Answer: _____ kg

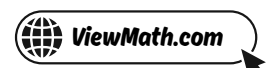
 Challenge!

23. The sum of two decimals is 8.00. One of them is 5.37. What is the other? _____

24. Kai bought three items at the store for \$4.65, \$2.80, and \$1.55. What was the total cost?

25. Find three different decimals (each with two decimal places) that add up to exactly 1.00.

_____ + _____ + _____ = 1.00

Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)

★ *You're adding decimals like a pro!*
Keep those decimal points lined up! ★

PREVIEW



Find more at
[ViewMath.com/Grade5](https://www.viewmath.com/Grade5)



THANK YOU

Enjoyed This Preview?

Get the Full Book!

This preview shows just a small sample of what's inside.

The complete book includes:

- ✓ *All chapters and topics*
- ✓ *Hundreds of practice problems*
- ✓ *Complete answer key with explanations*
- ✓ *Colorful visuals and step-by-step examples*
- ✓ *Reference sheets and progress trackers*

Available on Amazon and Teachers Pay Teachers

 Visit us at [ViewMath.com](https://www.viewmath.com) for free resources and more books!