

Adding Decimals

Grade 5 Math • Section 7.1

Name: _____

Date: _____

Score: _____ / 17

Quick Review and Helpful Hints

Steps: (1) Line up the decimal points. (2) Add zeros to the right so both numbers have the same number of decimal places. (3) Add as with whole numbers. (4) Place the decimal point in the answer directly below.

Estimate first to check: $4.7 + 3.26 \approx 5 + 3 = 8$.

Always line up the decimal points — not the last digits.

Example: Add $4.7 + 3.26$.

Write 4.7 as 4.70 so both have two decimal places. Add: $4.70 + 3.26 = 7.96$.

Answer: 7.96

Practice Problems

Add.

- | | | |
|----------------------------|----------------------------|-----------------------------|
| 1. $3.45 + 2.31 =$ _____ | 6. $45.6 + 3.78 =$ _____ | 11. $25.15 + 4.9 =$ _____ |
| 2. $0.76 + 0.89 =$ _____ | 7. $9.99 + 0.01 =$ _____ | 12. $0.56 + 0.044 =$ _____ |
| 3. $12.5 + 3.48 =$ _____ | 8. $8.3 + 14.67 =$ _____ | 13. $100.5 + 99.75 =$ _____ |
| 4. $7.004 + 2.96 =$ _____ | 9. $0.008 + 0.992 =$ _____ | 14. $3.006 + 7.4 =$ _____ |
| 5. $0.125 + 0.875 =$ _____ | 10. $6.4 + 3.075 =$ _____ | 15. $0.35 + 1.652 =$ _____ |

Word Problems

16. A student buys a notebook for \$3.75 and a pen for \$1.49. How much did the student spend? _____

17. Two packages weigh 2.45 kg and 3.8 kg. What is their combined weight? _____



Answer Keys

- | | |
|---------------------------------------|--|
| 1. <input type="text" value="5.76"/> | 10. <input type="text" value="9.475"/> |
| 2. <input type="text" value="1.65"/> | 11. <input type="text" value="30.05"/> |
| 3. <input type="text" value="15.98"/> | 12. <input type="text" value="0.604"/> |
| 4. <input type="text" value="9.964"/> | 13. <input type="text" value="200.25"/> |
| 5. <input type="text" value="1"/> | 14. <input type="text" value="10.406"/> |
| 6. <input type="text" value="49.38"/> | 15. <input type="text" value="2.002"/> |
| 7. <input type="text" value="10"/> | 16. <input type="text" value="\$5.24"/> |
| 8. <input type="text" value="22.97"/> | 17. <input type="text" value="6.25 kg"/> |
| 9. <input type="text" value="1"/> | |

Step-by-Step Explanations

- Start with the main idea. For adding decimals, line up the decimal values and compute $3.45 + 2.31 = 5.76$. Write the given information first, then choose the operation that matches the situation.
- Keep the work tidy. For adding decimals, line up the decimal values and compute $0.76 + 0.89 = 1.65$. A quick estimate helps confirm that the final answer is reasonable.
- Look at what the numbers mean. For adding decimals, line up the decimal values and compute $12.5 + 3.48 = 15.98$. The explanation should show both the computation and why that computation fits the problem.
- Use the setup first. For adding decimals, line up the decimal values and compute $7.004 + 2.96 = 9.964$. Write the given information first, then choose the operation that matches the situation.
- Check the size of the answer. For adding decimals, line up the decimal values and compute $0.125 + 0.875 = 1$. A quick estimate helps confirm that the final answer is reasonable.
- Match the operation to the words. For adding decimals, line up the decimal values and compute $45.6 + 3.78 = 49.38$. The explanation should show both the computation and why that computation fits the problem.
- Write the important values first. For adding decimals, line up the decimal values and compute $9.99 + 0.01 = 10$. Write the given information first, then choose the operation that matches the situation.
- Follow the pattern carefully. For adding decimals, line up the decimal values and compute $8.3 + 14.67 = 22.97$. A quick estimate helps confirm that the final answer is reasonable.
- Start with the main idea. For adding decimals, line up the decimal values and

compute $0.008 + 0.992 = 1$. The explanation should show both the computation and why that computation fits the problem.

10. Keep the work tidy. For adding decimals, line up the decimal values and compute $6.4 + 3.075 = 9.475$. Write the given information first, then choose the operation that matches the situation.

11. Look at what the numbers mean. For adding decimals, line up the decimal values and compute $25.15 + 4.9 = 30.05$. A quick estimate helps confirm that the final answer is reasonable.

12. Use the setup first. For adding decimals, line up the decimal values and compute $0.56 + 0.044 = 0.604$. The explanation should show both the computation and why that computation fits the problem.

13. Check the size of the answer. For adding decimals, line up the decimal values and compute $100.5 + 99.75 = 200.25$. Write the given information first, then choose the operation that matches the situation.

14. Match the operation to the words. For adding decimals, line up the decimal values and compute $3.006 + 7.4 = 10.406$. A quick estimate helps confirm that the final answer is reasonable.

15. Write the important values first. For adding decimals, line up the decimal values and compute $0.35 + 1.652 = 2.002$. The explanation should show both the computation and why that computation fits the problem.

16. Follow the pattern carefully. For adding decimals, add the prices: $3.75 + 1.49 = 5.24$. Write the given information first, then choose the operation that matches the situation.

17. Start with the main idea. For adding decimals, add the weights: $2.45 + 3.8 = 6.25$ kg. A quick estimate helps confirm that the final answer is reasonable.



Want Even More Practice?

Check Out Our Other District of Columbia DC CAPE Test Books!



7 District of Columbia DC CAPE Grade 5 Math Practice Tests

7 full-length Grade 5 math practice tests with detailed explanations
Verified live product page for this state or program.



**7 Tests
Detailed
Explanations**

Important: Use the QR code for the verified live product page. Practice-test availability can vary by state or program, so this worksheet links to the strongest matching live Grade 5 math resource.

Targeted Review

- ✓ Focused Grade 5 math practice by tested skill
- ✓ Clear question formats for steady review
- ✓ Useful for homework, tutoring, and test prep
- ✓ Helps students find gaps before test day

Review the essentials first.

7 Practice Tests

- ✓ 7 complete practice tests for realistic preparation
- ✓ Detailed explanations support independent study
- ✓ Aligned with the selected state or program
- ✓ Strong fit for students who need more test-style practice

Build test stamina with full practice.

Confidence Builder

- ✓ Mixes skill review with test-taking practice
- ✓ Helps parents and teachers track readiness
- ✓ Encourages consistent practice over time
- ✓ Gives students a clearer path to mastery

Practice with purpose.