

Subtracting Decimals

Grade 5 Math • Section 7.2

Name: _____

Date: _____

Score: _____ / 17

Quick Review and Helpful Hints

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

If the top digit is smaller than the bottom digit in any column, borrow from the next column to the left.

Watch for problems like $5 - 2.38$; write 5 as 5.00 first.

Example: Subtract $8.3 - 4.56$.

Write 8.3 as 8.30. Then subtract: $8.30 - 4.56 = 3.74$.

Answer: 3.74

Practice Problems

Subtract.

- | | | |
|---------------------------|----------------------------|----------------------------|
| 1. $7.85 - 3.42 =$ _____ | 6. $15.25 - 7.8 =$ _____ | 11. $12.04 - 5.6 =$ _____ |
| 2. $5.6 - 2.38 =$ _____ | 7. $3.00 - 1.45 =$ _____ | 12. $100 - 47.63 =$ _____ |
| 3. $10 - 4.75 =$ _____ | 8. $8.502 - 4.36 =$ _____ | 13. $4.5 - 2.375 =$ _____ |
| 4. $9.004 - 3.56 =$ _____ | 9. $20.1 - 9.99 =$ _____ | 14. $7.001 - 3.9 =$ _____ |
| 5. $6.1 - 2.937 =$ _____ | 10. $0.75 - 0.089 =$ _____ | 15. $50.05 - 24.6 =$ _____ |

Word Problems

16. A ribbon is 12.5 meters long. After cutting off 4.78 meters, how much remains? _____
17. Maya has \$20.00. She buys a book for \$13.65. How much change does she receive? _____



Answer Keys

- | | |
|----------|------------|
| 1. 4.43 | 10. 0.661 |
| 2. 3.22 | 11. 6.44 |
| 3. 5.25 | 12. 52.37 |
| 4. 5.444 | 13. 2.125 |
| 5. 3.163 | 14. 3.101 |
| 6. 7.45 | 15. 25.45 |
| 7. 1.55 | 16. 7.72 m |
| 8. 4.142 | 17. \$6.35 |
| 9. 10.11 | |

Step-by-Step Explanations

- Start with the main idea. For subtracting decimals, line up the decimal values and compute $7.85 - 3.42 = 4.43$. Write the given information first, then choose the operation that matches the situation.
- Keep the work tidy. For subtracting decimals, line up the decimal values and compute $5.6 - 2.38 = 3.22$. A quick estimate helps confirm that the final answer is reasonable.
- Look at what the numbers mean. For subtracting decimals, line up the decimal values and compute $10 - 4.75 = 5.25$. The explanation should show both the computation and why that computation fits the problem.
- Use the setup first. For subtracting decimals, line up the decimal values and compute $9.004 - 3.56 = 5.444$. Write the given information first, then choose the operation that matches the situation.
- Check the size of the answer. For subtracting decimals, line up the decimal values and compute $6.1 - 2.937 = 3.163$. A quick estimate helps confirm that the final answer is reasonable.
- Match the operation to the words. For subtracting decimals, line up the decimal values and compute $15.25 - 7.8 = 7.45$. The explanation should show both the computation and why that computation fits the problem.
- Write the important values first. For subtracting decimals, line up the decimal values and compute $3.00 - 1.45 = 1.55$. Write the given information first, then choose the operation that matches the situation.
- Follow the pattern carefully. For subtracting decimals, line up the decimal values and compute $8.502 - 4.36 = 4.142$. A quick estimate helps confirm that the final answer is reasonable.
- Start with the main idea. For subtracting decimals, line up the decimal values and compute $20.1 - 9.99 = 10.11$. The explanation should show both the

computation and why that computation fits the problem.

- Keep the work tidy. For subtracting decimals, line up the decimal values and compute $0.75 - 0.089 = 0.661$. Write the given information first, then choose the operation that matches the situation.
- Look at what the numbers mean. For subtracting decimals, line up the decimal values and compute $12.04 - 5.6 = 6.44$. A quick estimate helps confirm that the final answer is reasonable.
- Use the setup first. For subtracting decimals, line up the decimal values and compute $100 - 47.63 = 52.37$. The explanation should show both the computation and why that computation fits the problem.
- Check the size of the answer. For subtracting decimals, line up the decimal values and compute $4.5 - 2.375 = 2.125$. Write the given information first, then choose the operation that matches the situation.
- Match the operation to the words. For subtracting decimals, line up the decimal values and compute $7.001 - 3.9 = 3.101$. A quick estimate helps confirm that the final answer is reasonable.
- Write the important values first. For subtracting decimals, line up the decimal values and compute $50.05 - 24.6 = 25.45$. The explanation should show both the computation and why that computation fits the problem.
- Follow the pattern carefully. For subtracting decimals, subtract the cut length: $12.5 - 4.78 = 7.72$ m. Write the given information first, then choose the operation that matches the situation.
- Start with the main idea. For subtracting decimals, subtract the cost from the money: $20.00 - 13.65 = 6.35$. A quick estimate helps confirm that the final answer is reasonable.



Want Even More Practice?

Check Out Our Other Alaska AK STAR Test Books!



Alaska AK STAR Grade 5 Math Preparation Bundle

18 full-length practice tests across three books
(5 + 6 + 7)

No repeated questions—maximum practice value!



18 Tests!
3 Books
One Bundle

Important: All our test books contain **unique, completely different tests** from each other! Each book offers fresh practice questions—no repeats!

5 Practice Tests

- ✓ 5 complete practice tests with detailed explanations
- ✓ Perfect foundation for AK STAR test preparation
- ✓ Builds confidence and test-taking skills
- ✓ High-quality questions aligned with state standards

Start your practice journey!

6 Practice Tests

- ✓ 6 complete practice tests with detailed explanations
- ✓ **Unique tests**—different from the 5 tests book
- ✓ Perfect for more practice after mastering 5 tests
- ✓ Builds even more confidence and test-taking skills
- ✓ Same high-quality questions aligned with standards

Take your practice to the next level!

7 Practice Tests

- ✓ 7 complete practice tests for maximum preparation
- ✓ **Unique tests**—different from 5 and 6 tests books
- ✓ The most comprehensive practice for Grade 5
- ✓ Ideal for students aiming for top scores
- ✓ Extensive practice builds mastery and confidence

Go all the way with comprehensive practice!