

Unit Organizer

5th Grade Math

Whole Numbers

Colorado State Standard 1: Students develop number sense and use numbers and number relationships in problem-solving situations and communicate the reasoning used in solving these problems.

Colorado State Standard 6: Students link concepts and procedures as they develop and use computational techniques, including estimation, mental arithmetic, paper-and-pencil, calculators, and computers, in problem solving situations and communicate the reasoning used in solving these problems.

Previous Unit: None

Next Unit: Two-digit multiplication and division

Unit 1- Whole Numbers (Singapore Book 5A)

Standards for achievement and performance

Students will be able to ...

1. Interpret numbers up to 6 digits in terms of place values
2. Read and write numbers up to 6 digits and the corresponding number words
3. Compare and order numbers within 100,000
4. Tell how big 1 million is
5. Read and write numbers in millions and thousands up to 10 million
6. Round off numbers to the nearest ten
7. Round off numbers to the nearest hundred
8. Round off numbers to the nearest thousand
9. Estimate the answer in addition/ subtraction of whole numbers
10. Estimate the answer in multiplication/ division of a whole number by a 1-digit whole number
11. Multiply a whole number by 10, 100, or 1000
12. Multiply a whole number by tens, hundreds, or thousands
13. Estimate the answer in multiplication
14. Divide a whole number by 10, 100, or 1000 (without a remainder)
15. Divide a whole number by tens, hundreds, or thousands (without a remainder)
16. Estimate the answer in division
17. Do mixed operations involving addition and subtraction without parentheses
18. Do mixed operations involving multiplication and division without parentheses
19. Do mixed operations involving four operations without parentheses
20. Do mixed operations involving four operations with parentheses
21. Solve multi-step word problems

Vocabulary

operation

million

place value

estimate

parentheses

digit