

Unit Organizer

5th Grade Math

Percentage

Standards Met in this Unit:

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.

- 1.1, 1.3, 1.7

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

- 6.5

Previous Unit: Decimal

Next Unit: Average

Percentage (Singapore Book 5B)

Standards for achievement and performance

Students will be able ...

1. To Read and interpret and percentage of a whole.
2. To express a fraction as a percentage.
3. To express a 1-place or 2-place decimal as a percentage.
4. To express a percentage as a decimal.
5. To express a percentage as a fraction in simplest form.
6. To express a whole number out of another whole number (smaller than 100) as a percent.
7. To express a whole number out of another whole number (larger than 100) as a percent.
8. To solve up to 2-step word problems involving finding the percent for a part of a whole which is divided into two or three parts.
9. To find the value of a percentage part of a whole.
10. To solve up to 2-step word problems involving interest /discount increase/ decrease.

