

# Standards

## Printer Friendly Version

- Subject Area

- [CC.2: Mathematics](#)

- Standard Area

- [CC.2.1: Numbers and Operations](#)

- Grade Level

- [CC.2.1.5: GRADE 5](#)

- Standard

- [CC.2.1.5.B.1: Apply place value to show an understanding of operations and rounding as they pertain to whole numbers and decimals.](#)

- Assessment Anchor

- [M05.A-T.1: Understand the place-value system.](#)

- Anchor Descriptor

- [M05.A-T.1.1: Demonstrate understanding of place-value of whole numbers and decimals, and compare quantities or magnitudes of numbers.](#)

- Eligible Content

- [M05.A-T.1.1.1: Demonstrate an understanding that in a multi-digit number, a digit in one place represents 1/10 of what it represents in the place to its left. Example: Recognize that in the number 770, the 7 in the tens place is 1/10 the 7 in the hundreds place.](#)

- Alternate Eligible Content

- [M05.A-T.1.1.1a: Identify place value in a 3-digit number using models.](#)

- Alternate Eligible Content is designed for students assessed using the PA Alternate System of Assessment (PASA). Essentialized Example resources assist teachers in designing instruction that reduces content complexity while maintaining alignment to academic standards.

- Eligible Content

- [M05.A-T.1.1.2: Explain patterns in the number of zeros of the product when multiplying a number by powers of 10 and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10. Example 1:  \$4 \times 10^2 = 400\$  Example 2:  \$0.05 \div 10^3 = 0.00005\$](#)

- Alternate Eligible Content

- [M05.A-T.1.1.2a: Identify a pattern and change in place value when a number up to 99 is multiplied by powers of 10.](#)

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- Eligible Content

- [M05.A-T.1.1.3: Read and write decimals to thousandths using base-ten numerals, word form, and expanded form. Example:  \$347.392 = 300 + 40 + 7 + 0.3 + 0.09 + 0.002 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times \(0.1\) + 9 \times \(0.01\) + 2 \times \(0.001\)\$](#)

- Eligible Content

- [M05.A-T.1.1.4: Compare two decimals to thousandths based on meanings of the digits in each place using  \$\geq\$ ,  \$=\$ , and  \$<\$  symbols.](#)

- Alternate Eligible Content

- [M05.A-T.1.1.4a: Compare two numbers up to the hundredths place.](#)

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academic standards.

- **Eligible Content**

M05.A-T.1.1.5: Round decimals to any place (limit rounding to ones, tenths, hundredths, or thousandths place).

- **Alternate Eligible Content**

M05.A-T.1.1.5a: Round a decimal from the tenths place to the nearest whole number.

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