

In an effort to keep parents and guardians informed of the expectations and content being covered in math class this year, this informational handout will be provided for each chapter. Its intent is to assist in guiding you in ways to support your child in deepening their mathematical understanding.



Scan the QR code to check out teaching strategies for this chapter.

In each chapter we will spend time reviewing material taught in prior grades as it relates to the standards being taught in fifth grade. Our goal is to keep a balance of skill based learning along with enhancing our student's ability to problem solve and think conceptually.

Review Material from Prior Grades
1) Fluently add and subtract multi-digit whole numbers using the standard algorithm. (4.NBT.4)
New Material for 5th Grade
1) I can use place value to round decimals to any place. (5.NBT.4) 2) I can add and subtract decimals to hundredths. (5.NBT.7)
End of Chapter Expectations
1) Chapter Assessment

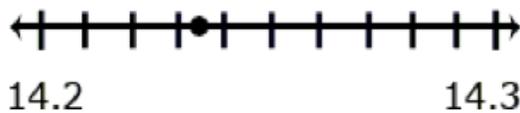
*Please note the list above highlights the main skills to be assessed. Teachers may include additional content to meet the needs of their students.

Decimal Strategies

Round Decimals (using a number line)

Example:

Round 14.235 to the nearest tenth.
Students recognize that the possible answer must be in tenths thus, it is either 14.2 or 14.3. They then identify that 14.235 is closer to 14.2 (14.20) than to 14.3 (14.30).



Round Decimals (using place value)

** This strategy can be used when estimating sums and differences of decimals.*

Example:

Round 26.34 to the nearest tenth.

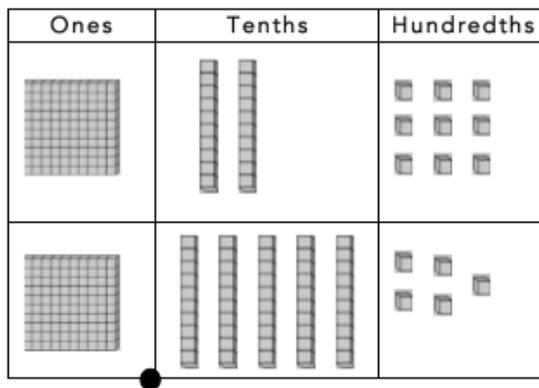
- 1) Underline the digit in the tenths place.
26.34
- 2) Look at the digit to the right of the 3.
- 3) 4 is less than 5, so keep underlined digit and drop the number to its right.
- 4) Answer: 26.3

Adding Decimals (using base-ten models)

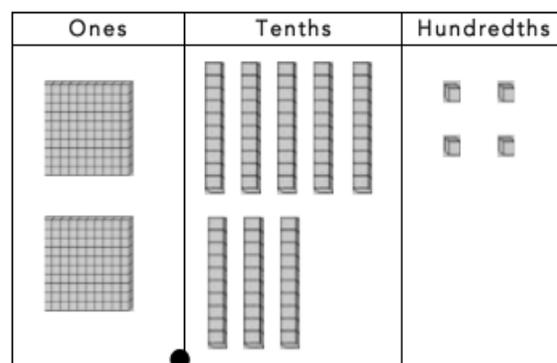
Example:

Find $1.29 + 1.55$ using base-ten blocks.

Step 1: Model 1.29 and 1.55.



Step 2: Combine the base-ten blocks.



There are 2 ones, 8 tenths, and 4 hundredths.
So, the sum is 2.84.

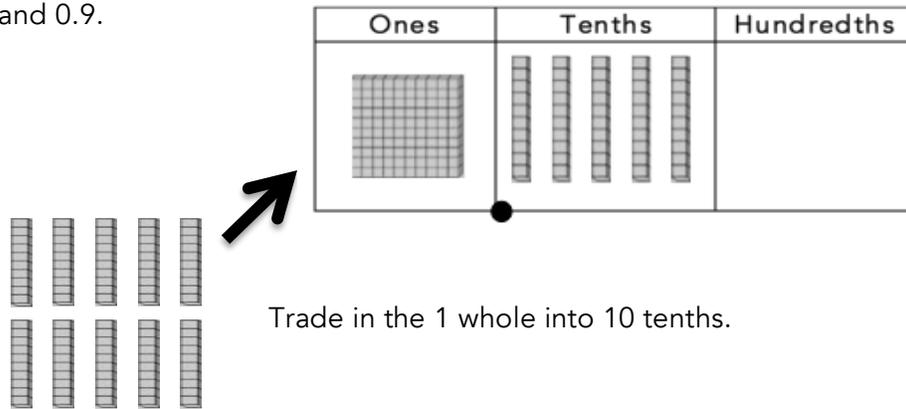
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Decimal Strategies, Continued

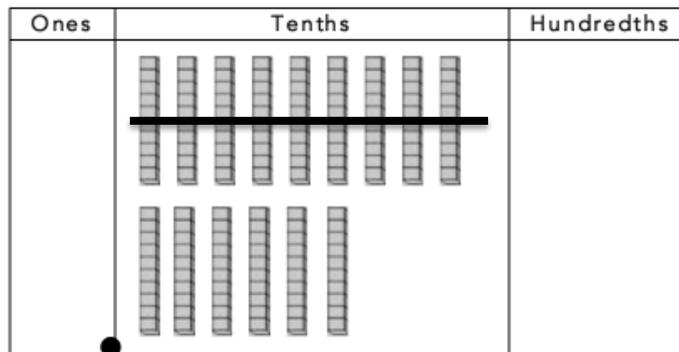
Subtracting Decimals (using base-ten models)

Example: Find $1.5 - 0.9$ using base-ten blocks.

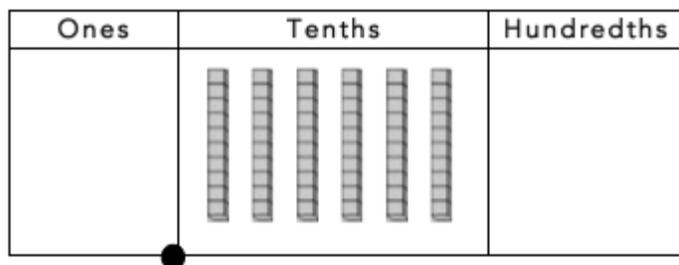
Step 1: Model 1.5 and 0.9.



Step 2: Subtract 0.9 from 1.5.



Step 3: Then, count the remaining blocks.



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