



Rounding Decimals Using Place Value

Today's Standard

5.NBT.A4 - Use place value understanding to round decimals to any place.

Real-World Applications for this Standard

Rounding prices in a store to estimate costs; Adjusting measurements in a recipe; Estimating distances in a map; Calculating approximate times in a schedule

Today I Learned

Today we learned how to round decimal numbers. We use place value to help us decide which number to round up or down.

Common Stumbling Blocks

Sometimes kids think rounding decimals is the same as rounding whole numbers, but it's different. Another common mistake is looking at the wrong number when rounding. We use special charts and examples to help fix these mistakes.

Quiz Me

- What is a decimal?
- Which number do we look at when we round?
- What does it mean to round up?
- What does it mean to round down?
- Can you show me how to round 3.56 to the nearest whole number?

Help Me

Rounding decimals helps us make numbers simpler. For example, if something costs \$3.56, we can round it to \$4.00 to make it easier to think about. We look at the number right after the place we're rounding to decide if we go up or down.