

G5 Playlist: Round Decimals to Any Place

Aligns with *CCSS.MATH.CONTENT.5.NBT.A.4*: Use place value understanding to round decimals to any place.

Related Standards

- 4.NBT.A.3: Use place value understanding to round multi-digit whole numbers to any place.
- 5.NBT.A.3.a: Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.
- 5.NBT.A.3.b: Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.

PREVIEW



Objectives

In this module, you will learn and practice the following skills:

- Round decimals to the nearest tenth
- Round decimals to the nearest hundredth

Let's get started!

Key Terms

- The **tenths** place is the digit just to the right of the decimal.
- The **hundredths** place is just to the right of the tenths place and two places to the right of the decimal.
- The **thousandths** place is just to the right of the hundredths place and three places to the right of the decimal.
- **Rounding** a number makes the number simpler and keeps its value as close to what it was as possible.

PREVIEW



Round Decimals to Any Place

(5.NBT.A.4)

The **tenths** place is the digit just to the right of the decimal. The **hundredths** is just to the right of the tenths place and two places to the right of the decimal. The **thousandths** is just to the right of the hundredths place and three places to the right of the decimal. **Rounding** a number simplifies it and keeps its value as close to its original value as possible.

If your students...

Have problems rounding the same number to different decimal places

WATCH: Rounding the Same Decimal to Different Decimal Places

<https://www.opened.com/video/rounding-the-same-decimal-to-different-decimal-places/223890>

Have problems rounding to the nearest tenth

WATCH: Rounding to the Nearest 1 Decimal Place, or the Tenths Place

<https://www.opened.com/video/rounding-to-the-nearest-1-decimal-place-or-the-tenths-place/223884>

For extra practice with rounding decimals to any place:

PLAY: Scooter's Quest

<http://www.sheppardsoftware.com/mathgames/decimals/scooterQuestDecRound.htm>

PLAY: Soccer Math

<http://www.math-play.com/rounding-decimals-game-1/rounding-decimals-game.html>

PLAY: Decimal Sharks

<http://www.free-training-tutorial.com/decimal/decimal-sharks.html>

