

The background is a light gray field filled with a dense, repeating pattern of small, multi-colored numbers (0-9) and mathematical symbols. The symbols include plus, minus, multiplication, division, percent, and various geometric shapes like stars, circles, and triangles. The colors used for the symbols and numbers include blue, yellow, red, green, purple, orange, and teal.

Rounding Off Decimals

A decorative border surrounds the text, featuring various colorful numbers and mathematical symbols. At the top, there are numbers 3 (pink), 4 (purple), and 6 (yellow), along with a plus sign (pink) and a minus sign (green). A blue star is in the top right. At the bottom, there are numbers 2 (orange), a plus sign (purple), 0 (red), a multiplication sign (yellow), and 5 (green). A blue star is in the bottom left, and a blue plus sign is in the bottom right.


Let's recall how to round off decimals.

If the digit to the right of the rounding place is **5 or greater**, add **1** to the digit in the rounding place. If it's **less than 5**, keep the digit the same. Then, drop all the digits after the rounding place.



Example:

A bird house was built
6.243 meters above the
ground. Round to the
nearest whole number.



Example:

A bird house was built 6.243 meters above the ground. Round to the nearest whole number.

Step 1:

Identify the rounding place.

6.243, **6** is the whole number

Example:

A bird house was built 6.243 meters above the ground. Round to the nearest whole number.

Step 2: Look at the digit which is to the right of the rounding place.

6.243, 2 is the rounding place

If the digit is less than 5, do not change the digit in the rounding place.

$$2 < 5$$

If the digit is 5 or greater, add 1 to the digit in the rounding place.

Example:

A bird house was built 6.243 meters above the ground. Round to the nearest whole number.

Step 3: Drop all digits to the right of the rounding place.

6

Therefore, the birdhouse is about 6 meters high.