

Rounding Off Decimals

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
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Step 1:

Identify the rounding place.

6.243, **6** is the whole number

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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.