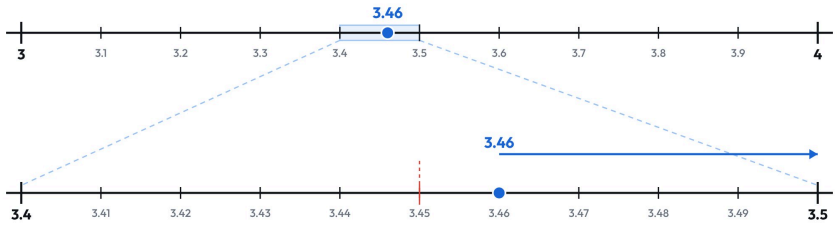
Name _____ Date _____

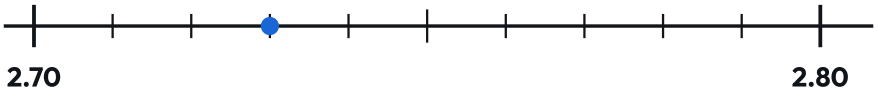
Rounding Decimals

Example

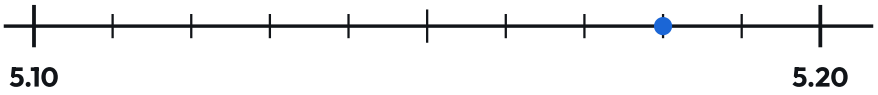


3.46 is between 3.4 and 3.5. Halfway is 3.45. The number 3.46 is to the right of halfway, closer to 3.5: $3.46 \approx 3.5$.

1 ON YOUR OWN Round to tenths. Use the line: which end is the point closer to?



$2.73 \approx$ ☐



$5.18 \approx$ ☐



$0.65 \approx$ ☐

2 ON YOUR OWN Round.

number	to a whole number	to tenths	to hundredths
4.372	☐	☐	☐
0.958	☐	☐	☐
12.045	☐	☐	☐
7.999	☐	☐	☐

Names (pair) _____ Date _____

Remember

We round to the **closer** number. Look at the first digit after the place we are rounding to: if it is 0, 1, 2, 3 or 4, round down; if it is 5, 6, 7, 8 or 9, round up.

3 IN PAIRS Round 2.349 to tenths. Luke first rounded to hundredths (2.35), then to tenths, and got 2.4. Ana got 2.3. Who is right? Explain using a number line.



4 ON YOUR OWN At the shop: bread €1.89, milk €0.99, apples €2.35. First estimate the total by rounding to whole euros, then work it out.

estimate: ☐ € exact: ☐ €

5 IN PAIRS Write four different numbers with two decimal places that round to 3.5 (to tenths). What are the smallest and the greatest possible?

☐ ☐ ☐ ☐

The Decimal Zoom app · otooly.com/decimal-zoom

In **Round** mode choose tenths or hundredths: the red mark is halfway and the arrow points to the closer number.

★ ON YOUR OWN **Exit card.** Round 6.85 to tenths and to a whole number.