

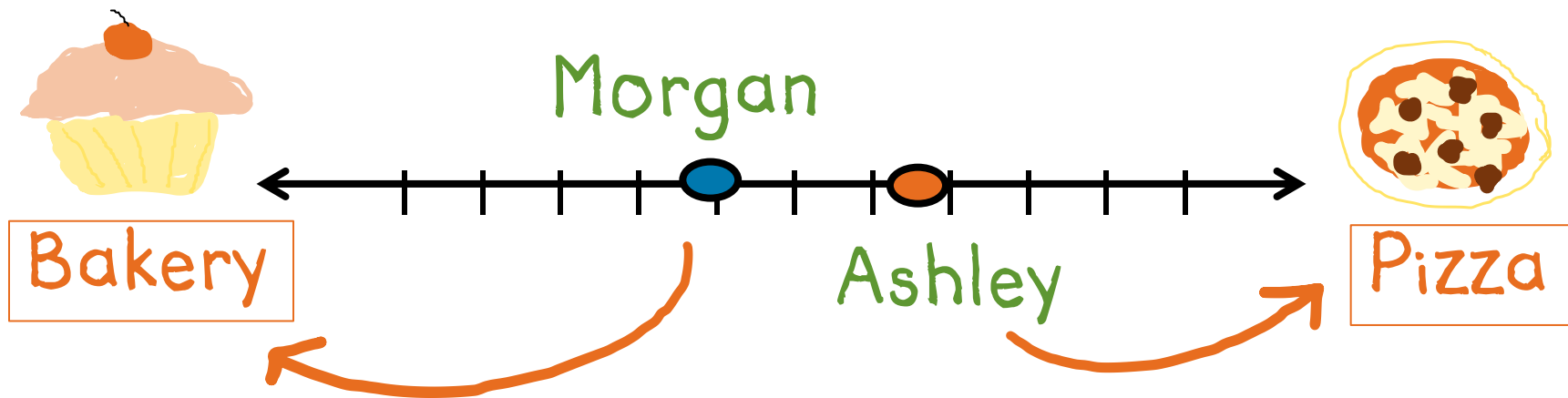
How do you use rounding
in real world situations?



In this lesson you will learn
how to use rounding by
exploring “real-world”
situations.

Let's Review

Rounding - To find a number that is close to a given number.



Let's Review

Rounding can occur in multiple places within a number.

$$34,\underline{7}89 = 34,800$$

$$\underline{3}4,789 = 35,000$$

$$\underline{3}4,789 = 30,000$$

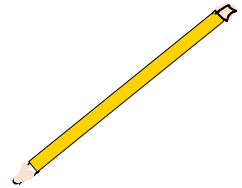
A Common Mistake

Always rounding to the leading digit.

For Example:

How many pencils will the school need to purchase if there are 1,230 students?

1 box of pencils = 100



Core Lesson

Which digit should be rounded?

On Saturday, 67,893 people visited the aquarium. About how many people visited the aquarium?

About 68,000 visited the aquarium.

Core Lesson

If I round down to 1,500, everyone won't get a water.

Liberty Elementary needs to purchase water bottles for field day. If 1,529 students attend Liberty Elementary, about how many water bottles should be purchased if the water comes in cases of 100?

Core Lesson



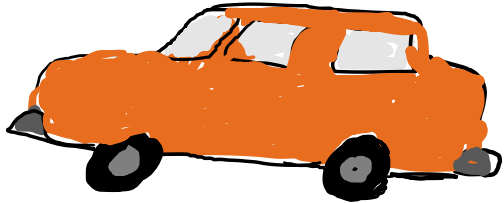
Cases of 100

1,529 students = 1,600 water bottles

$$~~1,529 = 2,000~~$$

Core Lesson

My family went on a long trip! On Monday, we drove 257 miles, on Tuesday we drove 312 miles, and on Wednesday we drove 145 miles. About how many miles did we drive in all?



$$\begin{array}{r} 257 \\ 312 \\ + 145 \\ \hline 714 \end{array}$$

$$\begin{array}{r} 300 \\ 300 \\ + 100 \\ \hline 700 \end{array}$$

In this lesson you have
learned how to use rounding
by exploring “real-world”
situations.

Guided Practice

If every child at my school eats a cookie for lunch, about how many cookies do I need to order?

Each box of cookies = 100

Students = 1,132

Extension Activities

Pretend that you are going on a long trip. Use the internet to find the mileage to your destination. About how many miles will you be traveling?

Extension Activities

Find out how many students attend your school. If every student needs a t-shirt for field day, about how many shirts will you need to order if the t-shirts come in packs of 10?

Quick Quiz

I read books everyday. On Monday, I read 115 pages. On Tuesday, I read 231 pages, and on Wednesday, I read 179 pages. About how many pages did I read in all?

Quick Quiz

23,259 people visited the zoo today.
About how many people visited the
zoo?