

Use Place Value to Round Numbers

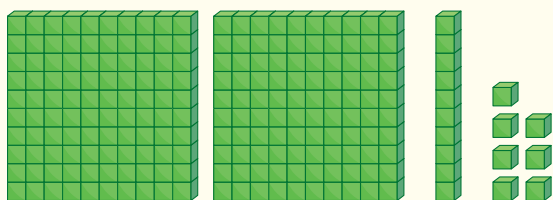


Dear Family,

This week your child is learning to use place value to round numbers.

Rounding is useful to give you an idea of the size of a number when you do not have to be exact. For example, when you buy several items, you might round each price to the nearest dollar before adding them all in your head.

These blocks show the number 217. How do you round 217 to the nearest hundred?



217 is 2 hundreds + 1 ten + 7 ones.

To round 217 to the nearest hundred, decide whether 217 is *more than* or *less than* halfway between 200 and 300. To do this, look at the tens.

5 tens is exactly half of 100. So, if there are fewer than 5 tens in 217, it is closer to 200. If there are 5 or more tens, 217 is closer to 300.

Because 217 has only 1 ten, 217 rounded to the *nearest hundred* is 200. So, it *rounds down* to 200.

To round 217 to the *nearest ten*, look at the ones. 217 is between 210 and 220. If there are fewer than 5 ones, it is closer to 210. If there are 5 or more ones, it is closer to 220.

Because 217 has 7 ones, 217 *rounds up* to 220.

Invite your child to share what they know about using place value to round numbers by doing the following activity together.



Learning Games



Zoom

Math Tools



Base-Ten Blocks



Number Line