## Rounding Numbers By Place Value - Step-by-Step Lesson

**Lesson 1 )**

Round 8,327 to the nearest hundreds place.

## Explanation:

Step 1 ) First we look to see what is being asked of us.

"What is 8,327 rounded to the nearest hundreds"

| 8 | 3 | 2 | 7 |
|---|---|---|---|
| thousands | hundreds | tens | ones |

The nearest 100s place rounds the number at the third position, from the right.

Multiples of 100 always have zeroes (0) in the ones and tens place.

Step 2) What are the two nearest 100s to 8,327?

8,300 or 8,400

Step 3) We now look to the tens place. If that number is 5 or higher, we round to the higher number (8,400).  If the tens place number is 4 or less, we round down (8,300).

The number in the tens place is 2. As a result, we round down.

So, we found that 8,300 is nearer to 8,327 than 8,400.

We round 8,327 to 8,300.