Place Value: Understanding to Round Decimals- Step-by-Step Lesson
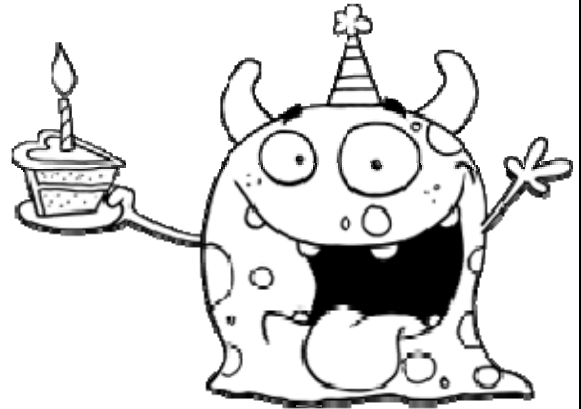
What is 5.1436 rounded to the nearest thousandth?

Explanation:

Step 1) First, find the digit at the thousandths' place.

This is the place you want to round: 5.14_36_

Now look one place to the right: 5.143_6_

If that number is 5 or greater, round up. If that number is 4 or less, round down.

6 is more than 5, so you will round up. Remove all the digits to the right of the thousandths' place, if they are present.

5.1436 → 5.144