

1. Round 0.0827149 to nearest thousandth

0.0827149
↓
0.0830000

0.0830000

0.083

→ ① Determine which digit is in the thousandth place.

→ ② Look at the digit immediately to the right of the thousandth place.

→ ③ If the digit to the right is less than 5, the thousandth place value remains the same.
If the digit to the right is 5 or more, the thousandth place value goes up by one.

→ ④ Everything to the left of the thousandth place value remains the same. Every digit to the right of the thousandth place value becomes zero's.