Math Online School

Rounding Decimals to the Nearest Hundredth



Rounding to the Nearest Hundredth

Round Down
If the digit in the thousandths place is 1, 2, 3, or 4, keep the hundredths digit the same.

Round Up
If the digit in the thousandths place is 5, 6, 7, 8, or 9, add 1 to the hundredths place.

Round to the nearest hundredth.

0.235 ≈ 0.24	0.487 ≈	0.542 ≈
0.713 ≈	0.801 ≈	0.273 ≈
0.351 ≈	0.466 ≈	2.215 ≈

0.307 ≈	3.451 ≈	2.273 ≈
1.640 ≈	0.728 ≈	7.361 ≈
0.7025 ≈	8.4371 ≈	0.8252 ≈

3.7025 ≈	5.8564 ≈	0.3082 ≈
0.109 ≈	2.9231 ≈	4.7322 ≈
1.5109 ≈	0.3706 ≈	3.0607 ≈

Math Online School

Rounding Decimals to the Nearest Hundredth



Rounding to the Nearest Hundredth

Round Down
If the digit in the thousandths place is 1, 2, 3, or 4, keep the tenths digit the same.

Round Up
If the digit in the thousandths place is 5, 6, 7, 8, or 9, add 1 to the tenths place.

Round to the nearest hundredth.

0.235 ≈ 0.24	0.487 ≈ 0.49	0.542 ≈ 0.54
0.713 ≈ 0.71	0.801 ≈ 0.80	0.273 ≈ 0.27
0.351 ≈ 0.35	0.466 ≈ 0.47	2.215 ≈ 2.22

0.307 ≈ 0.31	3.451 ≈ 3.45	2.273 ≈ 2.27
1.640 ≈ 1.64	0.728 ≈ 0.73	7.361 ≈ 7.36
0.7025 ≈ 0.70	8.4371 ≈ 8.44	0.8252 ≈ 0.83

3.7025 ≈ 3.70	5.8564 ≈ 5.86	0.3082 ≈ 0.31
0.109 ≈ 0.11	2.9231 ≈ 2.92	4.7322 ≈ 4.73
1.5109 ≈ 1.51	0.3706 ≈ 0.37	3.0607 ≈ 3.06