



ROUNDING TO 2 DECIMAL PLACES SHEET 1

Follow these simple steps to round a number to 2 decimal places (2dp):

- if the number has 2 or fewer decimal places, don't change it!
- if 3rd decimal place digit is less than 5 then the number is rounded down. Keep the 2nd decimal place digit unchanged and remove the digits after.
- if the 3rd decimal place digit is 5 or more, the number is rounded up. Simply add one to the 2nd decimal place digit and remove the decimal digits after.

Examples

3.827 is rounded **up** to 3.83 because the 3rd decimal place digit is 7.

7.384 is rounded **down** to 7.38 because the 3rd decimal place digit is 4.

5.86 is unchanged because it only has 2 decimal places.

5.3152 is rounded **up** to 5.32 because the 3rd decimal place digit is 5.

Round these numbers to 2 decimal places

- | | | | | | | | | |
|-----------|---|-------|-----------|---|-------|------------|---|-------|
| 1) 2.437 | → | _____ | 2) 1.892 | → | _____ | 3) 0.378 | → | _____ |
| 4) 0.649 | → | _____ | 5) 2.807 | → | _____ | 6) 2.95 | → | _____ |
| 7) 7.029 | → | _____ | 8) 5.216 | → | _____ | 9) 3.925 | → | _____ |
| 10) 0.526 | → | _____ | 11) 0.803 | → | _____ | 12) 4.038 | → | _____ |
| 13) 7.796 | → | _____ | 14) 6.273 | → | _____ | 15) 0.306 | → | _____ |
| 16) 8.335 | → | _____ | 17) 1.193 | → | _____ | 18) 5.211 | → | _____ |
| 19) 7.39 | → | _____ | 20) 0.485 | → | _____ | 21) 2.377 | → | _____ |
| 22) 5.012 | → | _____ | 23) 2.819 | → | _____ | 24) 14.293 | → | _____ |



Name

Date



ROUNDING TO 2 DECIMAL PLACES SHEET 1 ANSWERS

Round these numbers to 2 decimal places

- | | | | | | | | | |
|-----------|---|-------------|-----------|---|-------------|------------|---|--------------|
| 1) 2.437 | → | <u>2.44</u> | 2) 1.892 | → | <u>1.89</u> | 3) 0.378 | → | <u>0.38</u> |
| 4) 0.649 | → | <u>0.65</u> | 5) 2.807 | → | <u>2.81</u> | 6) 2.95 | → | <u>2.95</u> |
| 7) 7.029 | → | <u>7.03</u> | 8) 5.216 | → | <u>5.22</u> | 9) 3.925 | → | <u>3.93</u> |
| 10) 0.526 | → | <u>0.53</u> | 11) 0.803 | → | <u>0.80</u> | 12) 4.038 | → | <u>4.04</u> |
| 13) 7.796 | → | <u>7.80</u> | 14) 6.273 | → | <u>6.27</u> | 15) 0.306 | → | <u>0.31</u> |
| 16) 8.335 | → | <u>8.34</u> | 17) 1.193 | → | <u>1.19</u> | 18) 5.211 | → | <u>5.21</u> |
| 19) 7.39 | → | <u>7.39</u> | 20) 0.485 | → | <u>0.49</u> | 21) 2.377 | → | <u>2.38</u> |
| 22) 5.012 | → | <u>5.01</u> | 23) 2.819 | → | <u>2.82</u> | 24) 14.293 | → | <u>14.29</u> |



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