

Numbers are often 'rounded' to a number of decimal places. When rounding to a number of decimal places, your answer should include the same number of digits. Before you write your answer, check the digit to the right. If that digit is 5 or higher, then round the prior digit up.

Eg. Round 13.2857 to 1dp = 13.3
 Eg. Round 13.2857 to 2dp = 13.29
 Eg. Round 13.2857 to 3dp = 13.286
 Eg. Round 13.2857 to 4dp = 13.2867
 Eg. Round 13.2857 to 5dp = 13.28670

Eg. Round 0.02971 to 1dp = 0.0
 Eg. Round 0.02971 to 2dp = 0.03
 Eg. Round 0.02971 to 3dp = 0.030
 Eg. Round 0.02971 to 4dp = 0.0297
 Eg. Round 0.02971 to 5dp = 0.02971



24.97815
 1dp = 25.0
 2dp = 24.98
 3dp = 24.978
 4dp = 24.9782
 5dp = 24.97815

1. Write **YES** or **NO** to tell whether **9.4029** has been rounded correctly to:

- a) _____ 9.4 (1dp) b) _____ 9.41 (2dp) c) _____ 9.402 (3dp) d) _____ 9.0 (1dp) e) _____ 9.40 (2dp)

2. Write the new number rounded to:

	Number	1dp	2dp	Whole
a)	1.4079			
b)	0.5194			
c)	15.365			
d)	0.0876			
e)	163.98			
f)	9.9983			

3. Write the new number rounded to:

	Number	1dp	3dp	Whole
a)	0.2048			
b)	0.0387			
c)	4.9			
d)	1.55			
e)	9.87			
f)	0.004			

4.

Which of the following has been rounded to: (circle one)	A	B	C	D
a) 3dp to give an answer of 4.590?	4.5895	4.499	4.5951	4.5099
b) 2dp to give an answer of 0.09?	0.099	0.089	0.908	0.009
c) 1dp to give an answer of 187.6?	187.678	187.546	187.551	186.96
d) 3dp to give an answer of 0.839?	0.8412	0.8395	0.8389	0.8399
e) 1dp to give an answer of 1.0?	0.9479	1.076	1.0549	0.9543

5. A boater calculated the distance from Inagua to New Providence to be **320.6948991** nautical miles. Round this distance to :

- a) 3dp _____ b) 1dp _____ c) whole number _____

6. Hexton caught a Bahama Grouper off the Spanish Wells dock that weighed **79.998375** pounds. Round this weight to :

- a) 2dp _____ b) 4dp _____ c) whole number _____

7. Patrick ran the 100m dash at a Nassau track meet and they clocked his time at **11.295837** seconds. Round this time to :

- a) 1dp _____ b) 3dp _____ c) 5dp _____