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

0.0

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 _____