



ROUNDING TO 1 SIGNIFICANT FIGURE SHEET 1

Follow these 4 simple steps to round a number to 1 significant figure (1sf):

- 1) Find the most significant (non-zero) digit.
- 2) Look at the following digit.
- 3) If this digit is 5 or more, the most significant digit is rounded up. If this digit is less than 5, it stays the same.
- 4) Remove all the other digits from the number and replace them with zeros.

You should end up with a number that has only one non-zero digit!

Examples - (the most significant digit in each number is underlined)

273 is rounded **up** to 300 because the following digit is 7.

6382 is rounded **down** to 6000 because the following digit is 3.

5.472 is rounded down to 5 because the following digit is 4.

0.0025 is rounded **up** to 0.03 because the following digit is 5.

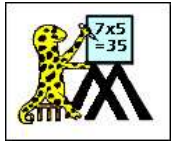
Match each number to its value rounded to one significant figure

162	<table border="1" style="margin: auto;"> <tr><td style="text-align: center;">10</td></tr> <tr><td style="text-align: center;">20</td></tr> <tr><td style="text-align: center;">30</td></tr> <tr><td style="text-align: center;">100</td></tr> <tr><td style="text-align: center;">200</td></tr> <tr><td style="text-align: center;">300</td></tr> <tr><td style="text-align: center;">1000</td></tr> <tr><td style="text-align: center;">2000</td></tr> <tr><td style="text-align: center;">3000</td></tr> </table>	10	20	30	100	200	300	1000	2000	3000	17	
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26		1329										
2287		9.87										
304		271										
128		2547										



Name

Date



ROUNDING TO 1 SIGNIFICANT FIGURE SHEET 1 ANSWERS

Match each number to its value rounded to one significant figure

162	10	17
26	20	1329
2287	30	9.87
304	100	271
128	200	2547
	300	
	1000	
	2000	
	3000	

