Rounding, Decimal Places and Significant Figures

Name:	Class:	Date:

Mark	/ 5	%

1) Round the numbers in the table. [1]

Number	Nearest 10	Nearest 100
423	420	
482		
535		
799		

2) Round the numbers in the table. [1]

Number	Nearest unit	Nearest tenth
3.41	3	
7.27		
1.82		
7.95		

3) Round the numbers in the table. [1]

Number	1 decimal place	2 decimal places
0.474	0.5	
4.945		
0.6138		
88.7057		

4) Round the numbers in the table.   [1]

Number	1 significant figure	2 significant figures	3 significant figures
1.715	2		
9364			
995.398			
0.1062			

5) Round the numbers in the table.   [1]

Number	1 significant figure	2 significant figures	3 significant figures
3.935	4		
5254			
798.356			
0.2052			

Solutions for the assessment Rounding, Decimal Places and Significant Figures

1) 423 = 420, **400**

482 = **480**, **500**

535 = **540**, **500**

799 = **800**, **800**

2) 3.41 = 3, **3.4**

7.27 = **7**, **7.3**

1.82 = **2**, **1.8**

7.95 = **8**, **8**

3) 0.474 = 0.5, **0.47**

4.945 = **4.9**, **4.95**

0.6138 = **0.6**, **0.61**

88.7057 = **88.7**, **88.71**

4) 1.715 = 2, **1.7**, **1.72**

9364 = **9000**, **9400**, **9360**

995.398 = **1000**, **1000**, **995**

0.1062 = **0.1**, **0.11**, **0.106**

5) 3.935 = 4, **3.9**, **3.94**

5254 = **5000**, **5300**, **5250**

798.356 = **800**, **800**, **798**

0.2052 = **0.2**, **0.21**, **0.205**