

Rounding, Decimal Places and Significant Figures

Name:	Class:	Date:
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Mark	/ 5	%
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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) $3.935 = 4, 3.9, 3.94$

$5254 = 5000, 5300, 5250$

$798.356 = 800, 800, 798$

$0.2052 = 0.2, 0.21, 0.205$