

Upper and Lower Bounds

Initial Value	Degree of accuracy	Rounded value	This has been rounded to the nearest...
292	2SF	<i>290</i>	<i>10</i>
2.154	3SF	<i>2.15</i>	<i>0.01</i>
351	1 SF	<i>400</i>	
2,567	2SF	<i>2,600</i>	
36.789	3SF		<i>0.1</i>
7.275	3SF		<i>0.01</i>
3,675	3SF		
1,234.5678	3SF		
987.654	3SF		
2.367	3SF		
46.8	1SF		
296	2SF		
296	1SF		
345		350	
22.78		22.8	
485.2			10
456,789			1,000
<i>455 - 465</i>	<i>2sf</i>	460	10
		200	100
		22.4	0.1
	2SF	3,400	
	3SF	3,400	
	4SF	3,400	
	1SF	1000	

Answers

Initial Value	Degree of accuracy	Rounded value	This has been rounded to the nearest...
292	2SF	<i>290</i>	<i>10</i>
2.154	3SF	<i>2.15</i>	<i>0.01</i>
351	1 SF	<i>400</i>	<i>100</i>
2,567	2SF	<i>2,600</i>	<i>100</i>
36.789	3SF	<i>36.8</i>	<i>0.1</i>
7.275	3SF	<i>7.28</i>	<i>0.01</i>
3,675	3SF	<i>3,680</i>	<i>10</i>
1,234.5678	3SF	<i>1,230</i>	<i>10</i>
987.654	3SF	<i>988</i>	<i>1</i>
2.367	3SF	<i>2.37</i>	<i>0.01</i>
46.8	1SF	<i>50</i>	<i>10</i>
296	2SF	<i>300</i>	<i>10</i>
296	1SF	<i>300</i>	<i>100</i>
345	<i>2sf</i>	350	<i>10</i>
22.78	<i>3sf</i>	22.8	<i>0.1</i>
485.2	<i>2sf</i>	<i>490</i>	10
456,789	<i>3sf</i>	<i>457,000</i>	1,000
<i>455 - 465</i>	<i>2sf</i>	460	10
<i>150 - 250</i>	<i>1sf</i>	200	100
<i>22.35 - 22.45</i>	<i>3sf</i>	22.4	0.1
<i>3,350 - 3,450</i>	2SF	3,400	<i>100</i>
<i>3,395 - 3,405</i>	3SF	3,400	<i>10</i>
<i>3,399.5 - 3,400.5</i>	4SF	3,400	<i>1</i>
<i>950 - 1,500</i>	1SF	1,000	<i>100 or 1,000</i>