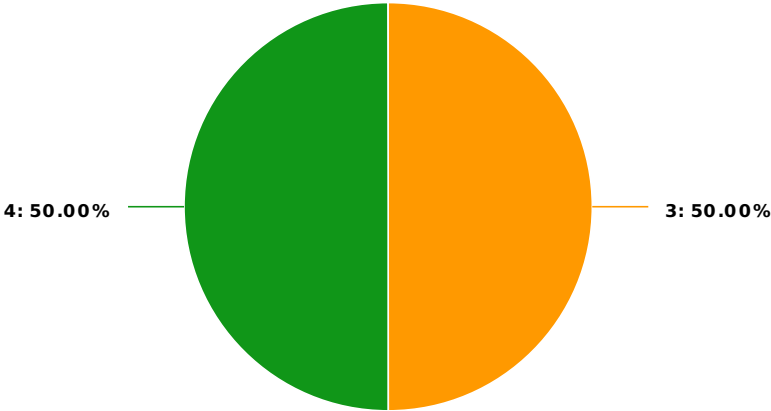


Informe de la Encuesta de MN-2018

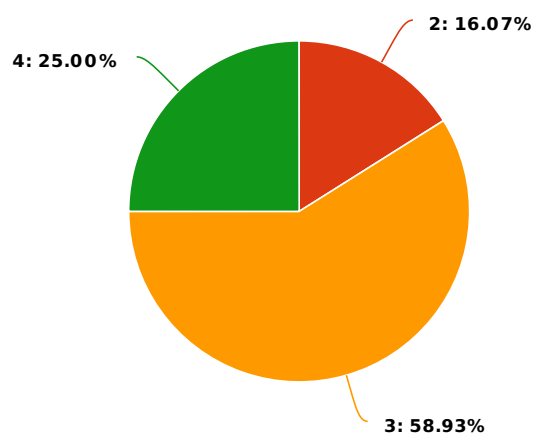
1 Capacidad de Analisis y Sistesis

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	56
2	0.00%	0	Sum	196.00
3	50.00%	28	Average	3.50
4	50.00%	28	Standard deviation	0.50
Total responses			Minimum	3.00
			Maximum	4.00

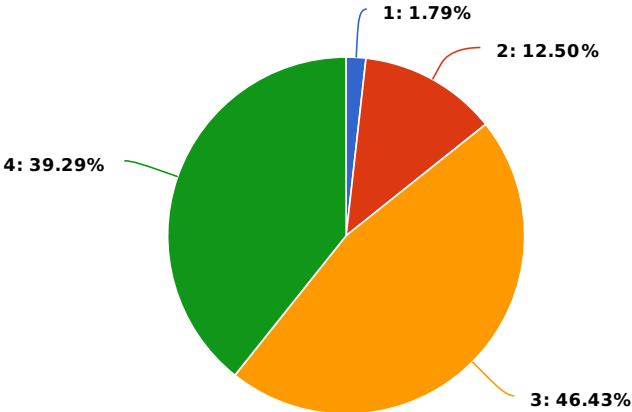
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics
1	0.00%	0	Total respondents 56 Sum 173.00 Average 3.09 Standard deviation 0.63 Minimum 2.00 Maximum 4.00
2	16.07%	9	
3	58.93%	33	
4	25.00%	14	
Total responses			

2 Comunicación Oral y escrita

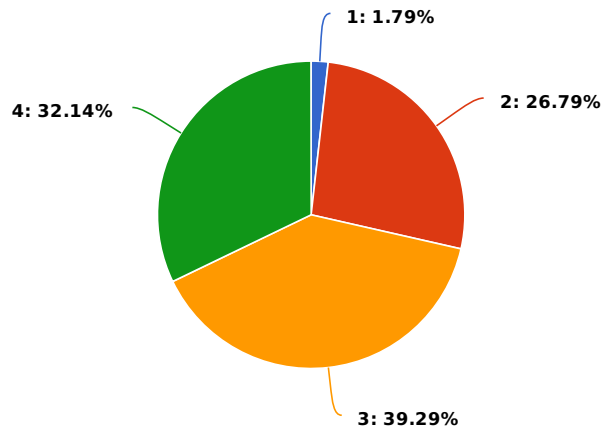
Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.79%	1
2	12.50%	7
3	46.43%	26
4	39.29%	22
Total responses		56

Statistics	
Total respondents	56
Sum	181.00
Average	3.23
Standard deviation	0.73
Minimum	1.00
Maximum	4.00

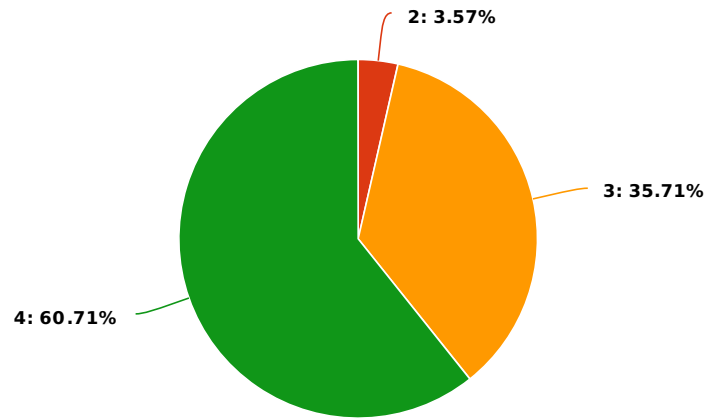
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.79%	1	Total respondents	56
2	26.79%	15	Sum	169.00
3	39.29%	22	Average	3.02
4	32.14%	18	Standard deviation	0.81
		Total responses	Minimum	1.00
			Maximum	4.00

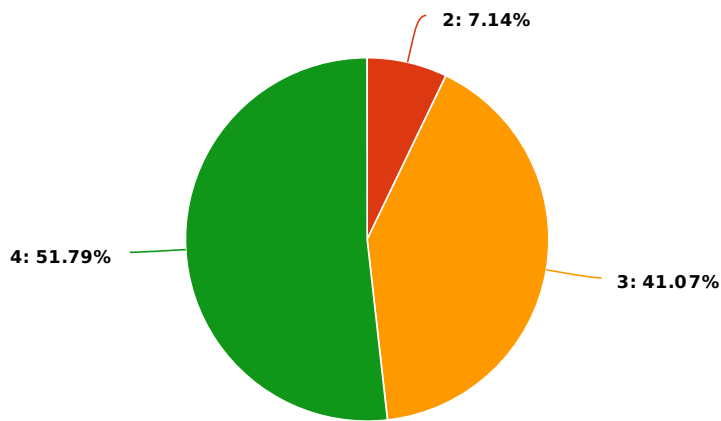
3 Habilidades básicas de manejo de la computadora

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	56
2	3.57%	2	Sum	200.00
3	35.71%	20	Average	3.57
4	60.71%	34	Standard deviation	0.56
Total responses			Minimum	2.00
			Maximum	4.00

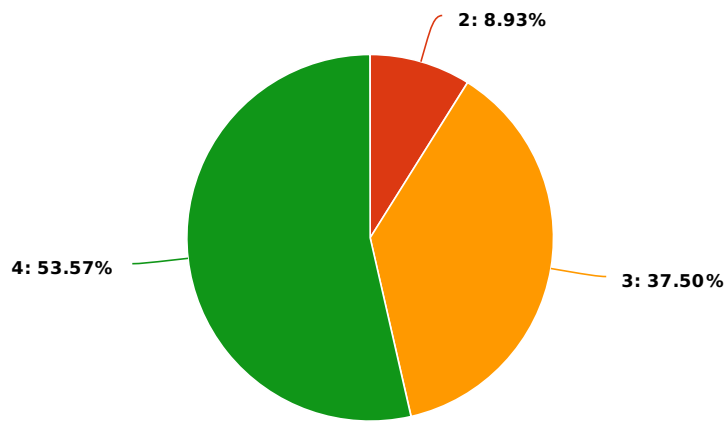
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	56
2	7.14%	4	Sum	193.00
3	41.07%	23	Average	3.45
4	51.79%	29	Standard deviation	0.62
Total responses			Minimum	2.00
			Maximum	4.00

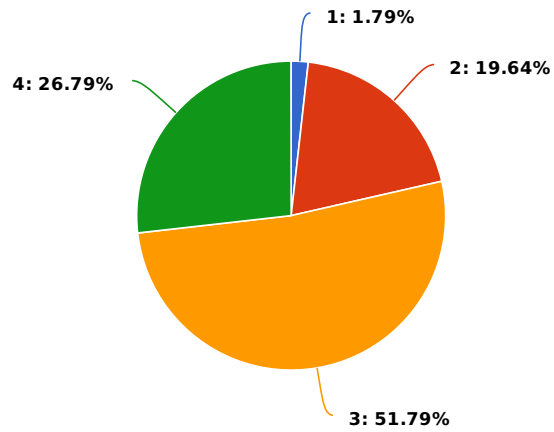
4 Habilidad para buscar y analizar información proveniente de fuentes diversas

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	56
2	8.93%	5	Sum	193.00
3	37.50%	21	Average	3.45
4	53.57%	30	Standard deviation	0.65
Total responses			Minimum	2.00
			Maximum	4.00

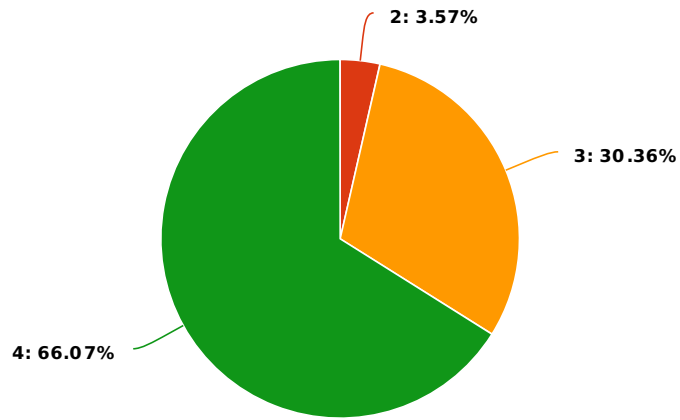
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.79%	1	Total respondents	56
2	19.64%	11	Sum	170.00
3	51.79%	29	Average	3.04
4	26.79%	15	Standard deviation	0.73
		Total responses	Minimum	1.00
			Maximum	4.00

5 Solucion de problemas

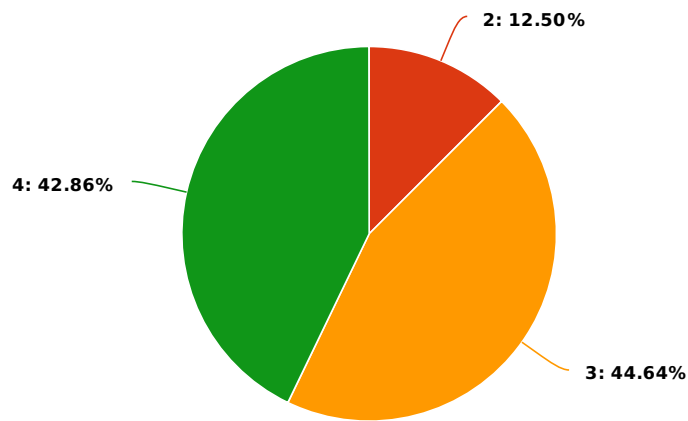
Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count
1	0.00%	0
2	3.57%	2
3	30.36%	17
4	66.07%	37
Total responses		56

Statistics	
Total respondents	56
Sum	203.00
Average	3.62
Standard deviation	0.55
Minimum	2.00
Maximum	4.00

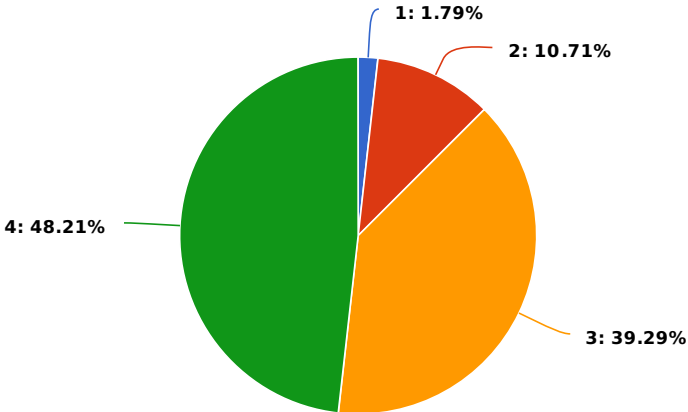
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	56
2	12.50%	7	Sum	185.00
3	44.64%	25	Average	3.30
4	42.86%	24	Standard deviation	0.68
Total responses			Minimum	2.00
			Maximum	4.00

6 Toma de decisiones

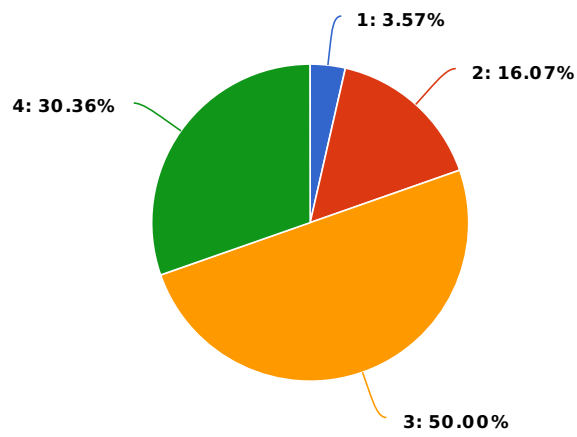
Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.79%	1
2	10.71%	6
3	39.29%	22
4	48.21%	27
Total responses		56

Statistics	
Total respondents	56
Sum	187.00
Average	3.34
Standard deviation	0.74
Minimum	1.00
Maximum	4.00

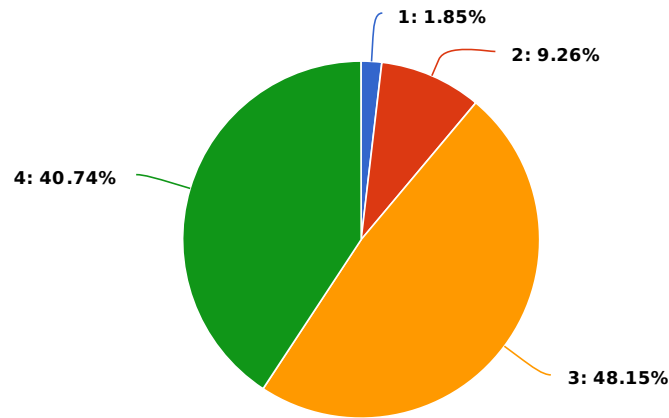
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	3.57%	2	Total respondents	56
2	16.07%	9	Sum	172.00
3	50.00%	28	Average	3.07
4	30.36%	17	Standard deviation	0.78
		Total responses	Minimum	1.00
			Maximum	4.00

7 Capacidad crítica y autocrítica

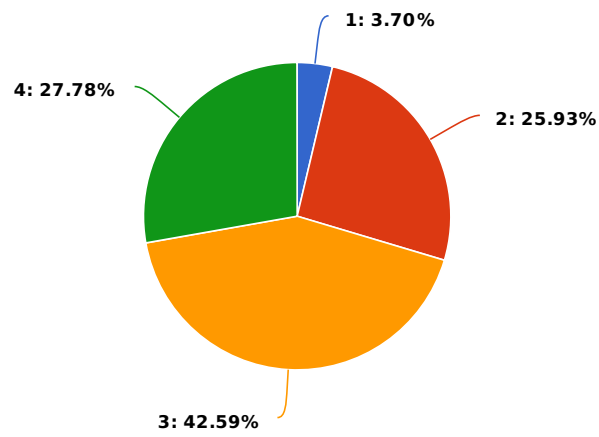
Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.85%	1
2	9.26%	5
3	48.15%	26
4	40.74%	22
Total responses		54

Statistics	
Total respondents	54
Sum	177.00
Average	3.28
Standard deviation	0.70
Minimum	1.00
Maximum	4.00

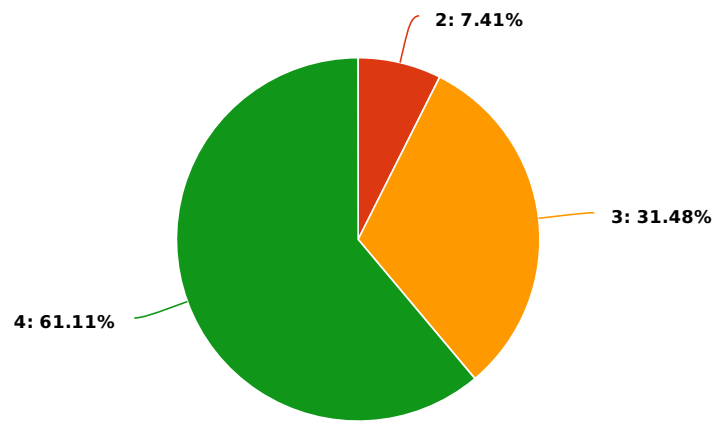
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	3.70%	2	Total respondents	54
2	25.93%	14	Sum	159.00
3	42.59%	23	Average	2.94
4	27.78%	15	Standard deviation	0.83
		Total responses	Minimum	1.00
			Maximum	4.00

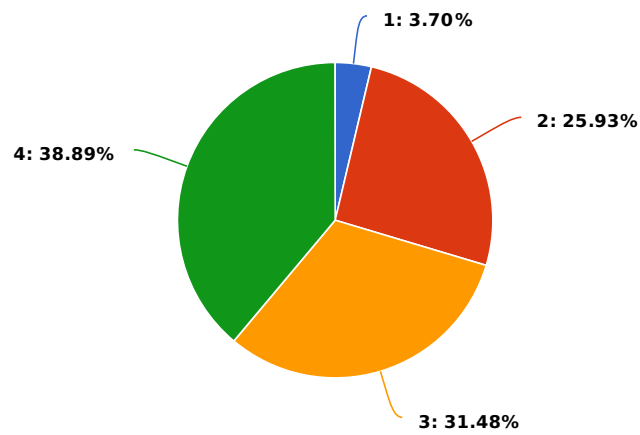
8 Trabajo en equipo

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics
1	0.00%	0	Total respondents 54 Sum 191.00 Average 3.54 Standard deviation 0.63 Minimum 2.00 Maximum 4.00
2	7.41%	4	
3	31.48%	17	
4	61.11%	33	
Total responses			54

Realización (1= nada, 2=poco , 3= bastante, 4=mucho)

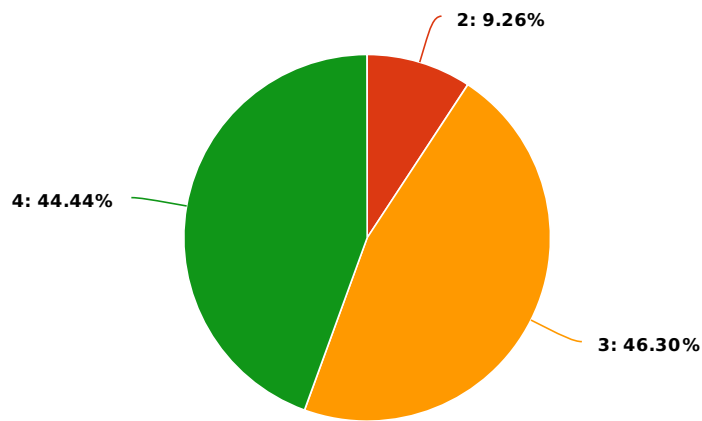


Answer	Percent	Count
1	3.70%	2
2	25.93%	14
3	31.48%	17
4	38.89%	21
Total responses		54

Statistics	
Total respondents	54
Sum	165.00
Average	3.06
Standard deviation	0.89
Minimum	1.00
Maximum	4.00

9 Habilidades Interpersonales

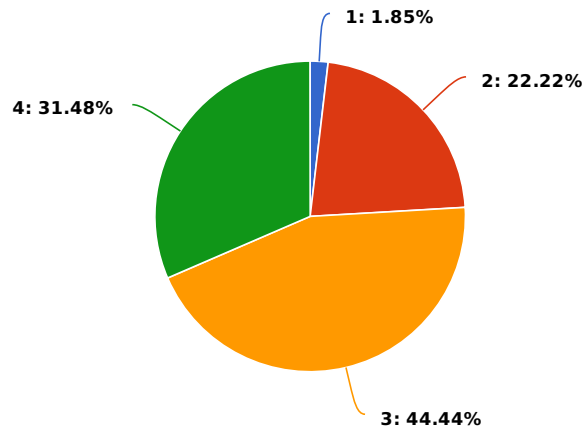
Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count
1	0.00%	0
2	9.26%	5
3	46.30%	25
4	44.44%	24
Total responses		54

Statistics	
Total respondents	54
Sum	181.00
Average	3.35
Standard deviation	0.64
Minimum	2.00
Maximum	4.00

Realización (1= nada, 2=poco , 3= bastante, 4=mucho)

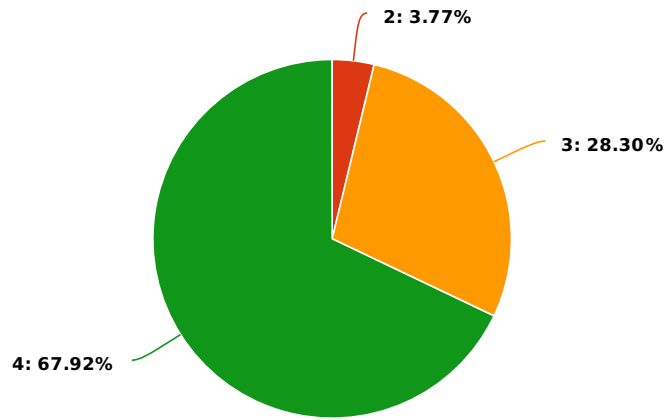


Answer	Percent	Count
1	1.85%	1
2	22.22%	12
3	44.44%	24
4	31.48%	17
Total responses		54

Statistics	
Total respondents	54
Sum	165.00
Average	3.06
Standard deviation	0.78
Minimum	1.00
Maximum	4.00

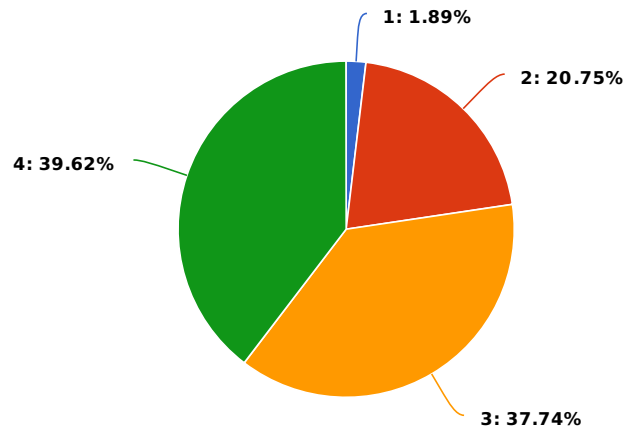
10 Capacidad de aplicar los conocimientos en la práctica

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	53
2	3.77%	2	Sum	193.00
3	28.30%	15	Average	3.64
4	67.92%	36	Standard deviation	0.55
		Total responses	Minimum	2.00
			Maximum	4.00

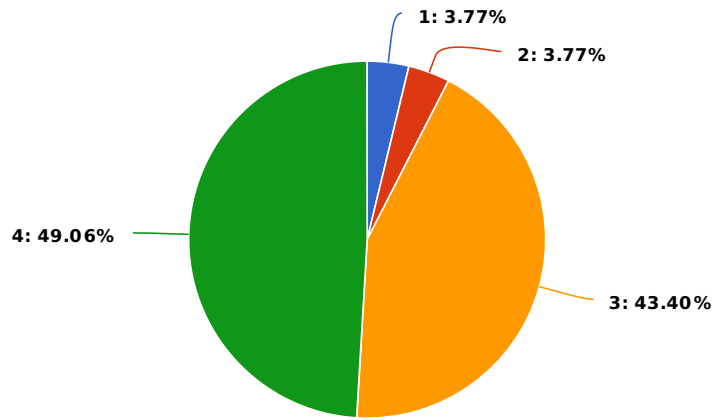
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.89%	1	Total respondents	53
2	20.75%	11	Sum	167.00
3	37.74%	20	Average	3.15
4	39.62%	21	Standard deviation	0.81
		Total responses	Minimum	1.00
			Maximum	4.00

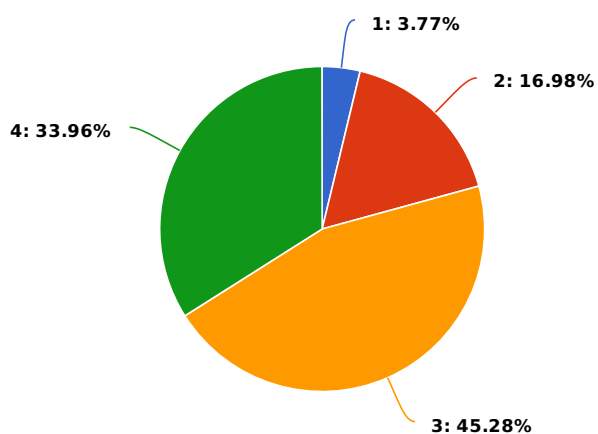
11 Habilidades de investigación

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	3.77%	2	Total respondents	53
2	3.77%	2	Sum	179.00
3	43.40%	23	Average	3.38
4	49.06%	26	Standard deviation	0.73
		Total responses	Minimum	1.00
			Maximum	4.00

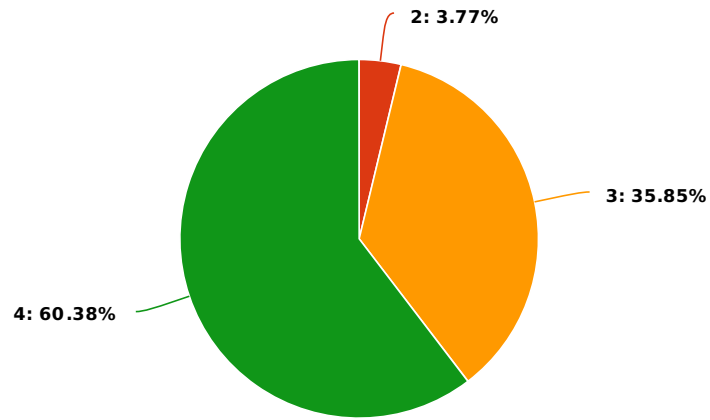
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	3.77%	2	Total respondents	53
2	16.98%	9	Sum	164.00
3	45.28%	24	Average	3.09
4	33.96%	18	Standard deviation	0.81
		Total responses	Minimum	1.00
			Maximum	4.00

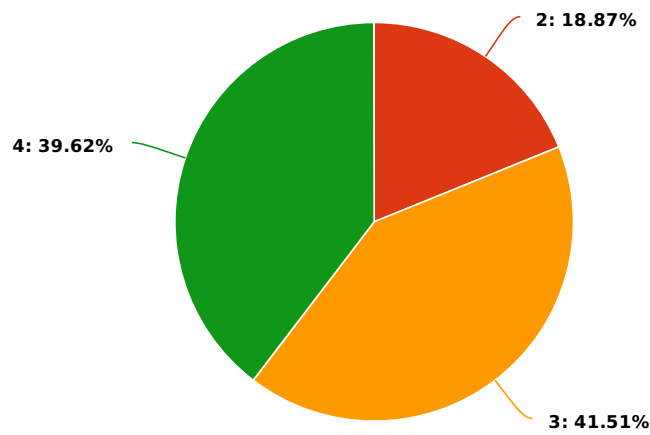
12 Capacidad de aprender

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	53
2	3.77%	2	Sum	189.00
3	35.85%	19	Average	3.57
4	60.38%	32	Standard deviation	0.57
		Total responses	Minimum	2.00
			Maximum	4.00

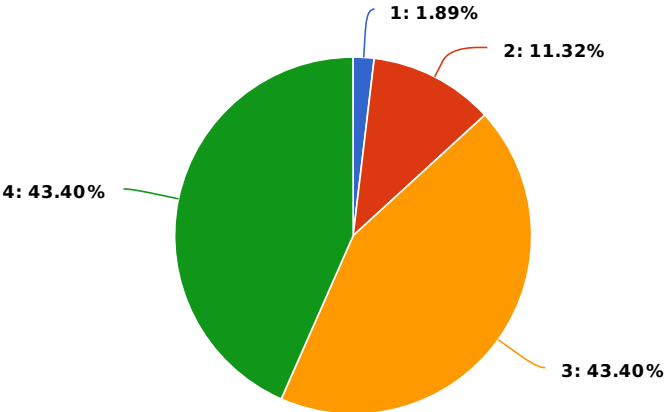
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	53
2	18.87%	10	Sum	170.00
3	41.51%	22	Average	3.21
4	39.62%	21	Standard deviation	0.74
Total responses			Minimum	2.00
			Maximum	4.00

13 Capacidad de generar nuevas ideas (creatividad)

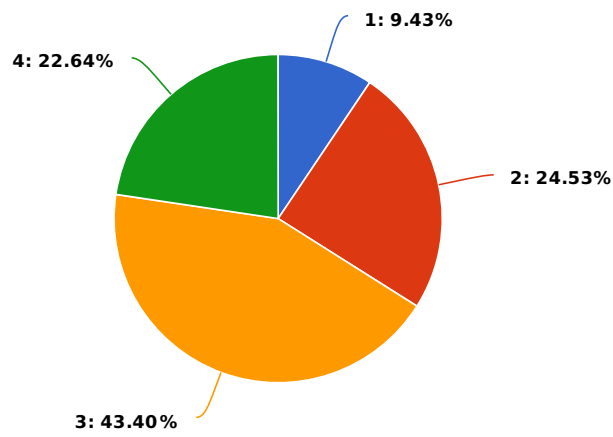
Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.89%	1
2	11.32%	6
3	43.40%	23
4	43.40%	23
Total responses		53

Statistics	
Total respondents	53
Sum	174.00
Average	3.28
Standard deviation	0.74
Minimum	1.00
Maximum	4.00

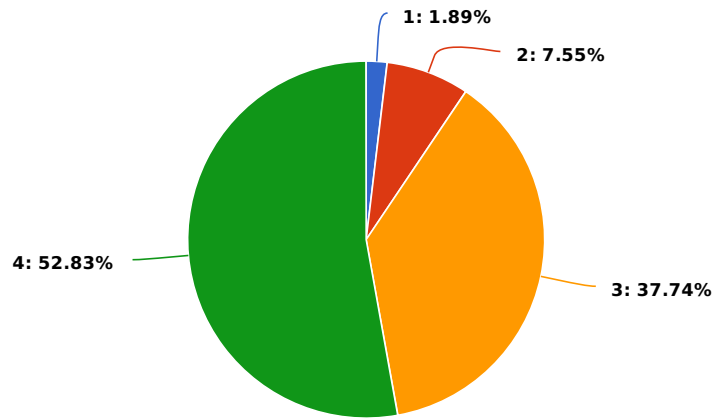
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	9.43%	5	Total respondents	53
2	24.53%	13	Sum	148.00
3	43.40%	23	Average	2.79
4	22.64%	12	Standard deviation	0.90
Total responses			Minimum	1.00
			Maximum	4.00

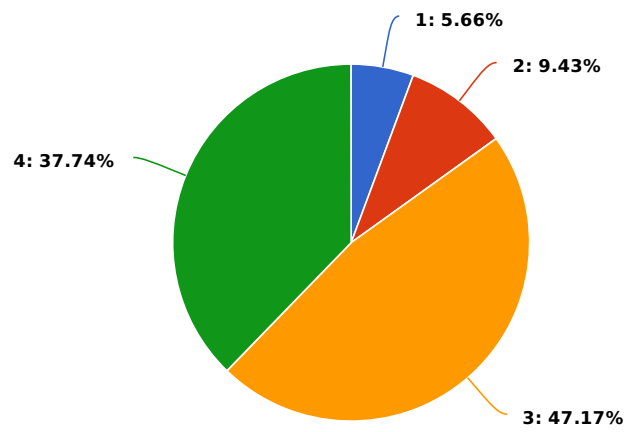
14 Habilidad para trabajar en forma autónoma

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.89%	1	Total respondents	53
2	7.55%	4	Sum	181.00
3	37.74%	20	Average	3.42
4	52.83%	28	Standard deviation	0.71
		Total responses	Minimum	1.00
			Maximum	4.00

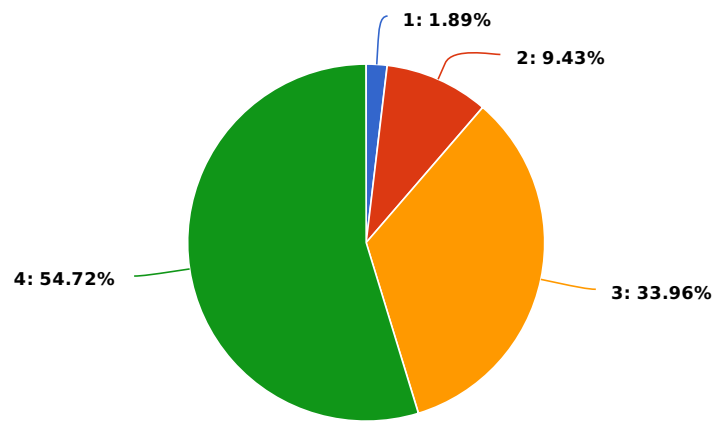
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	5.66%	3	Total respondents	53
2	9.43%	5	Sum	168.00
3	47.17%	25	Average	3.17
4	37.74%	20	Standard deviation	0.82
		Total responses	Minimum	1.00
			Maximum	4.00

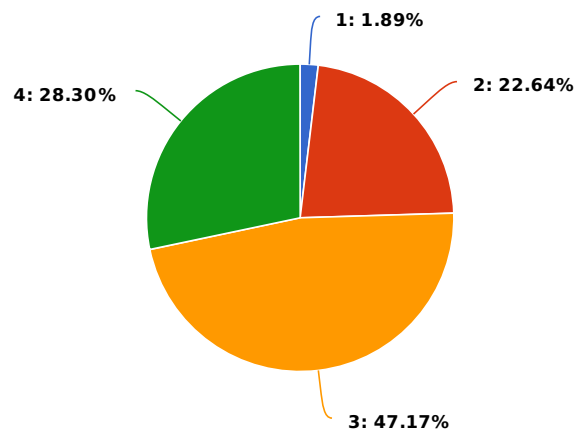
15 Búsqueda del logro

Importancia (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.89%	1	Total respondents	53
2	9.43%	5	Sum	181.00
3	33.96%	18	Average	3.42
4	54.72%	29	Standard deviation	0.74
		Total responses	Minimum	1.00
			Maximum	4.00

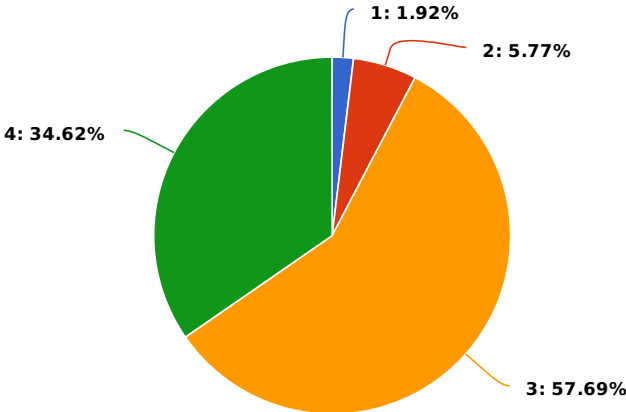
Realización (1= nada, 2=poco , 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.89%	1	Total respondents	53
2	22.64%	12	Sum	160.00
3	47.17%	25	Average	3.02
4	28.30%	15	Standard deviation	0.76
		Total responses	Minimum	1.00
			Maximum	4.00

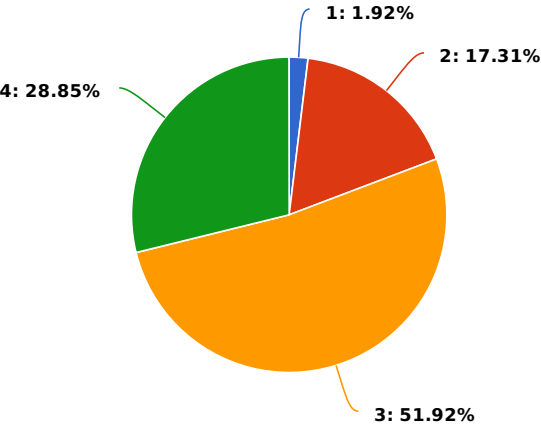
16 Unidad 1. Reconocer los conceptos básicos que se emplean en los métodos numéricos

Desarrolló el saber (1= nada, 2=poco, 3= bastante, 4=mucho)ar



Answer	Percent	Count	Statistics	
1	1.92%	1	Total respondents	52
2	5.77%	3	Sum	169.00
3	57.69%	30	Average	3.25
4	34.62%	18	Standard deviation	0.65
Total responses			Minimum	1.00
			Maximum	4.00

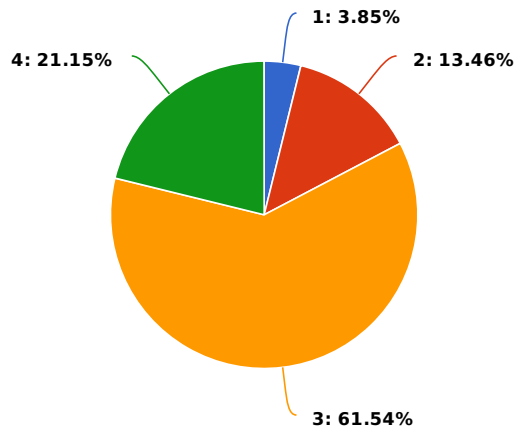
Desarrolló el saber hacer (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.92%	1
2	17.31%	9
3	51.92%	27
4	28.85%	15
Total responses		52

Statistics	
Total respondents	52
Sum	160.00
Average	3.08
Standard deviation	0.73
Minimum	1.00
Maximum	4.00

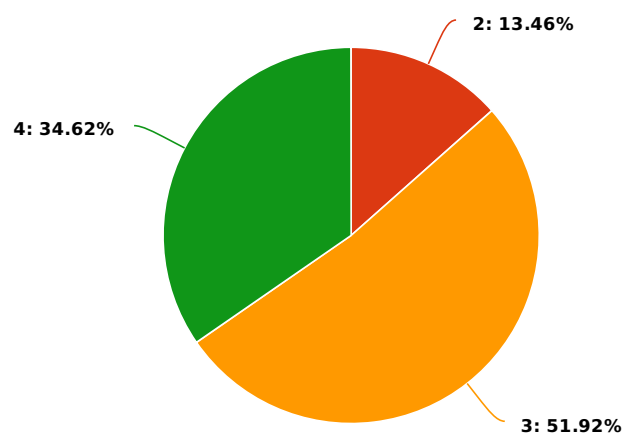
Desarrolló el saber ser (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	3.85%	2	Total respondents	52
2	13.46%	7	Sum	156.00
3	61.54%	32	Average	3.00
4	21.15%	11	Standard deviation	0.71
		Total responses	Minimum	1.00
			Maximum	4.00

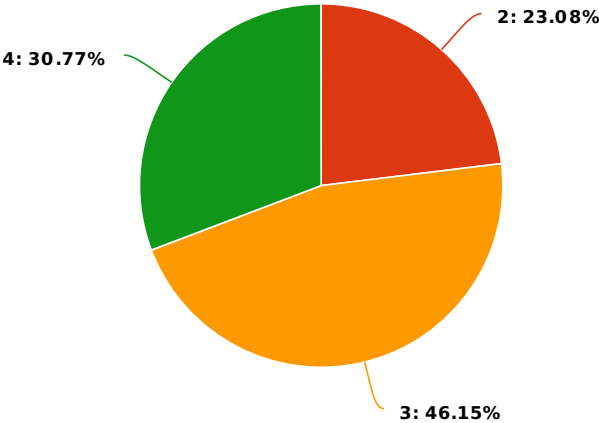
17 Unidad 2. Aplicar los distintos métodos numéricos para la búsqueda de raíces de ecuaciones en la solución de problemas de ingeniería mecánica y mecatrónica.

Desarrolló el saber (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	52
2	13.46%	7	Sum	167.00
3	51.92%	27	Average	3.21
4	34.62%	18	Standard deviation	0.66
Total responses			Minimum	2.00
			Maximum	4.00

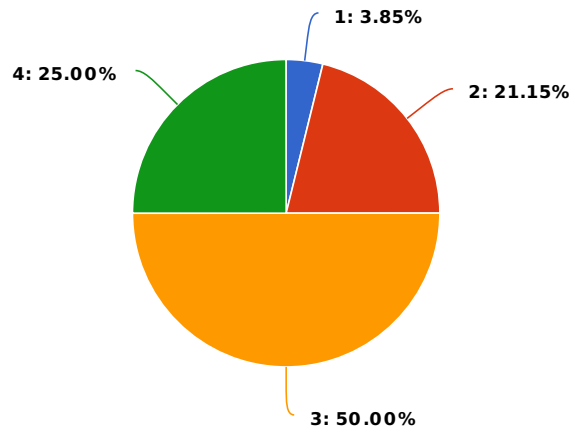
Desarrolló el saber hacer (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count
1	0.00%	0
2	23.08%	12
3	46.15%	24
4	30.77%	16
Total responses		52

Statistics	
Total respondents	52
Sum	160.00
Average	3.08
Standard deviation	0.73
Minimum	2.00
Maximum	4.00

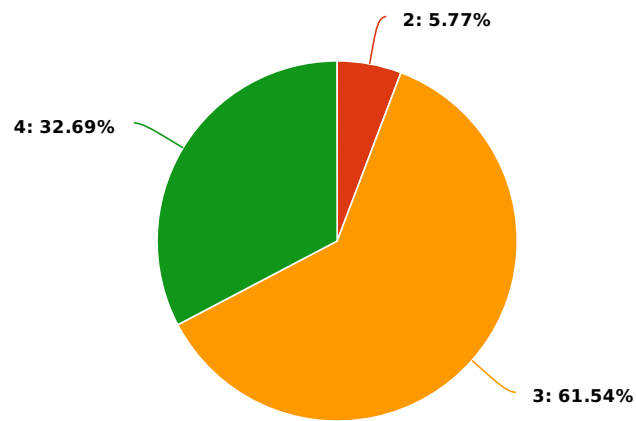
Desarrolló el saber ser (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics
1	3.85%	2	Total respondents 52 Sum 154.00 Average 2.96 Standard deviation 0.78 Minimum 1.00 Maximum 4.00
2	21.15%	11	
3	50.00%	26	
4	25.00%	13	
Total responses			

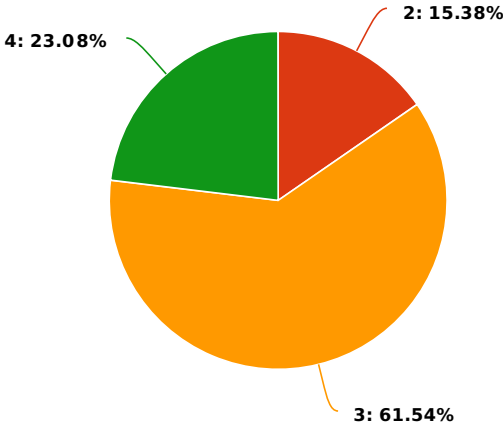
18 Unidad 3. Aplicar los distintos métodos numéricos para la búsqueda de solución de sistemas de ecuaciones lineales algebraicas en la resolución de problemas de ingeniería mecánica y Mecatrónica

Desarrolló el saber (1= nada, 2=poco, 3= bastante, 4=mucho)



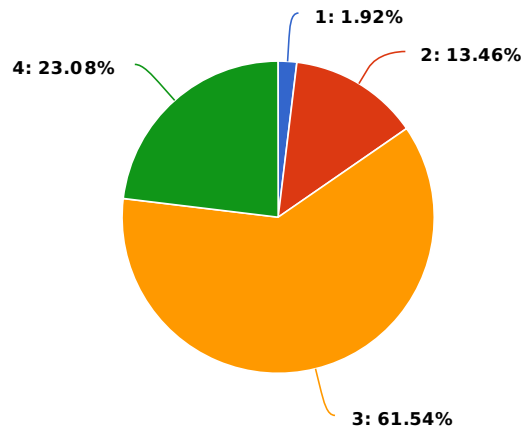
Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	52
2	5.77%	3	Sum	170.00
3	61.54%	32	Average	3.27
4	32.69%	17	Standard deviation	0.56
Total responses			Minimum	2.00
			Maximum	4.00

Desarrolló el saber hacer (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics
1	0.00%	0	Total respondents 52 Sum 160.00 Average 3.08 Standard deviation 0.62 Minimum 2.00 Maximum 4.00
2	15.38%	8	
3	61.54%	32	
4	23.08%	12	
Total responses			52

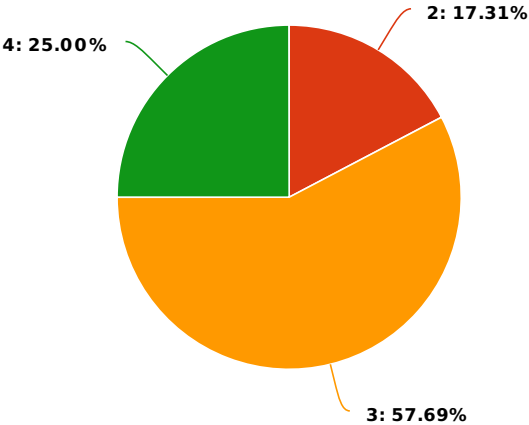
Desarrolló el saber ser (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.92%	1	Total respondents	52
2	13.46%	7	Sum	159.00
3	61.54%	32	Average	3.06
4	23.08%	12	Standard deviation	0.66
		Total responses	Minimum	1.00
			Maximum	4.00

19 Unidad 4. Seleccionar a partir de un conjunto de datos experimentales la curva que mejor se ajuste.

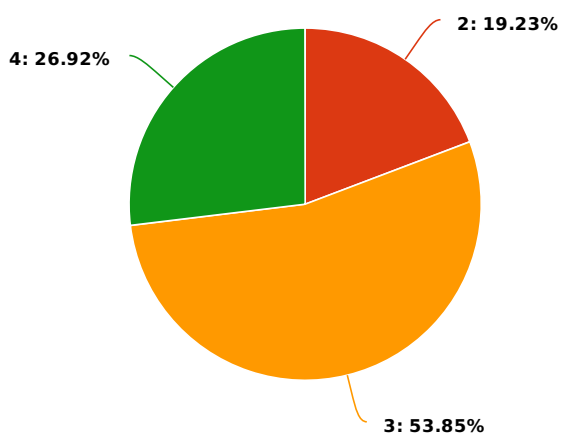
Desarrolló el saber (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count
1	0.00%	0
2	17.31%	9
3	57.69%	30
4	25.00%	13
Total responses		52

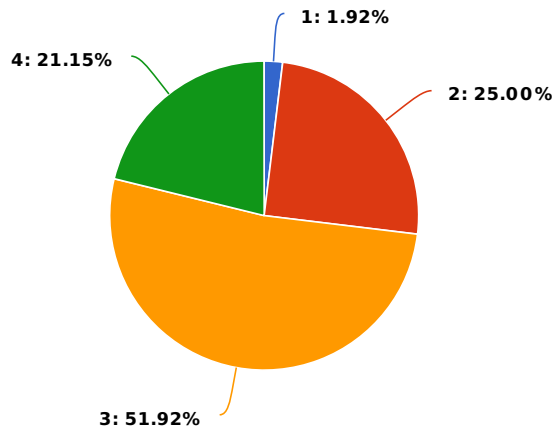
Statistics	
Total respondents	52
Sum	160.00
Average	3.08
Standard deviation	0.65
Minimum	2.00
Maximum	4.00

Desarrolló el saber hacer (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	0.00%	0	Total respondents	52
2	19.23%	10	Sum	160.00
3	53.85%	28	Average	3.08
4	26.92%	14	Standard deviation	0.67
Total responses			Minimum	2.00
			Maximum	4.00

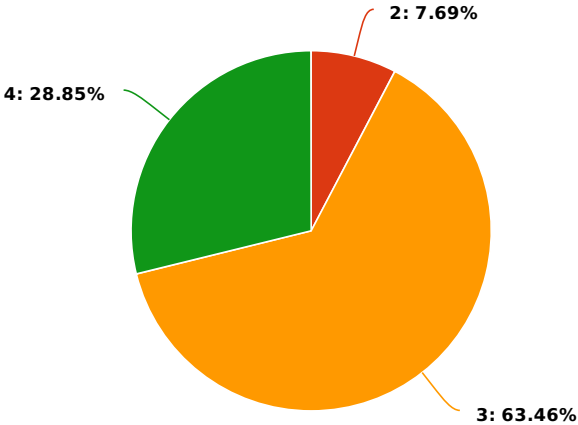
Desarrolló el saber ser (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.92%	1	Total respondents	52
2	25.00%	13	Sum	152.00
3	51.92%	27	Average	2.92
4	21.15%	11	Standard deviation	0.73
		Total responses	Minimum	1.00
			Maximum	4.00

20 Unidad 5. Emplear los métodos numéricos en la diferenciación e integración para resolver problemas de Ingeniería Mecánica y Mecatrónica

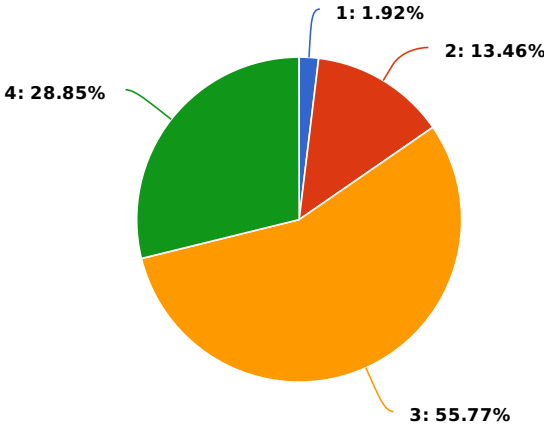
Desarrolló el saber (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count
1	0.00%	0
2	7.69%	4
3	63.46%	33
4	28.85%	15
Total responses		52

Statistics	
Total respondents	52
Sum	167.00
Average	3.21
Standard deviation	0.57
Minimum	2.00
Maximum	4.00

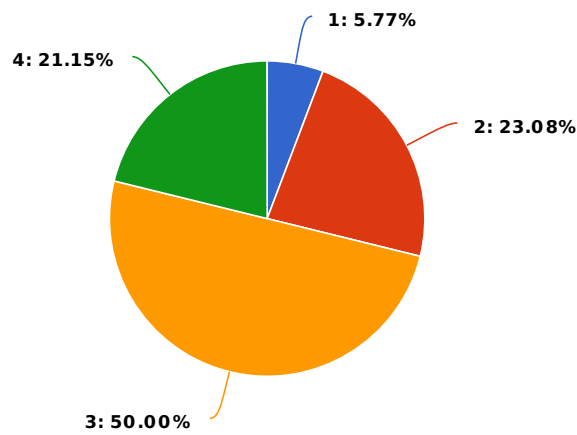
Desarrolló el saber hacer (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.92%	1
2	13.46%	7
3	55.77%	29
4	28.85%	15
Total responses		52

Statistics	
Total respondents	52
Sum	162.00
Average	3.12
Standard deviation	0.70
Minimum	1.00
Maximum	4.00

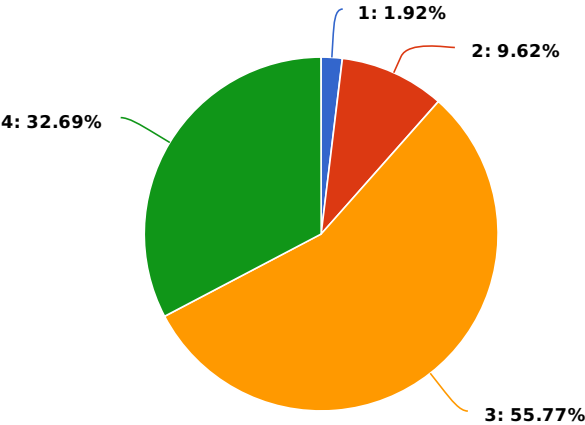
Desarrolló el saber ser (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	5.77%	3	Total respondents	52
2	23.08%	12	Sum	149.00
3	50.00%	26	Average	2.87
4	21.15%	11	Standard deviation	0.81
		Total responses	Minimum	1.00
			Maximum	4.00

21 Unidad 6. Utilizar los métodos numéricos para resolver ecuaciones diferenciales ordinarias básicas

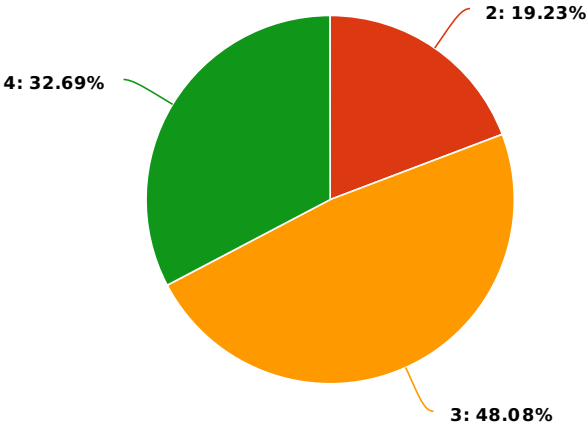
Desarrolló el saber (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count
1	1.92%	1
2	9.62%	5
3	55.77%	29
4	32.69%	17
Total responses		52

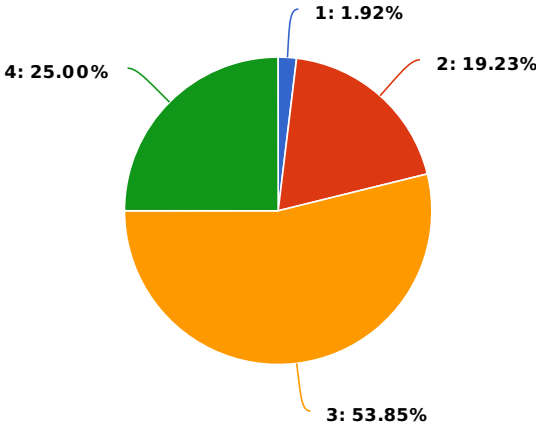
Statistics	
Total respondents	52
Sum	166.00
Average	3.19
Standard deviation	0.68
Minimum	1.00
Maximum	4.00

Desarrolló el saber hacer (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics
1	0.00%	0	Total respondents 52 Sum 163.00 Average 3.13 Standard deviation 0.71 Minimum 2.00 Maximum 4.00
2	19.23%	10	
3	48.08%	25	
4	32.69%	17	
Total responses			52

Desarrolló el saber ser (1= nada, 2=poco, 3= bastante, 4=mucho)



Answer	Percent	Count	Statistics	
1	1.92%	1	Total respondents	52
2	19.23%	10	Sum	157.00
3	53.85%	28	Average	3.02
4	25.00%	13	Standard deviation	0.72
		Total responses	Minimum	1.00
			Maximum	4.00