

Length Word	Total	No. letters
1	8	8
2	13	26
3	50	150
4	37	148
5	24	120
6	8	48
7	7	49
8	1	8
9-12	0	0
13	1	13
Total	149	570

Mean $570 \div 149 = 3.8$

The middle word is $\frac{1}{2} (149 + 1) =$ No. 75 ie 4 letters

The cumulative frequency is plotted on word length + 0.5

Plot	Cumulative
1.5	8
2.5	21
3.5	71
4.5	108
5.5	132
6.5	140
7.5	147
8.5	148
13.5	149

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Length Word	Total	No. letters
1	2	2
2	23	46
3	31	93
4	21	84
5	12	60
6	13	78
7	10	70
8	3	24
9	4	36
10	3	30
11	1	11
Total	123	534

Mean $534 \div 123 = 4.3$

The middle word is $\frac{1}{2} (123 + 1) =$ No. 62 (ie 4 letters)

The cumulative frequency is plotted on word length + 0.5

Plot	Cumulative
1.5	2
2.5	25
3.5	56
4.5	77
5.5	89
6.5	102
7.5	112
8.5	115
9.5	119
10.5	122
11.5	123

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9.5	119
10.5	122
11.5	123

	Alice	Paw
Shortest word	1	1
Longest Word	13	11
Range	12	10
Mode	3	3
Median	4	4
Mean	3.8	4.3

rg stories

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Mean	3.8	4.3

rg stories

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Box plots would look virtually identical

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