## Decode the Joke Upper and Lower Bounds

Calculate a value for each of the letters of the alphabet.

| A | LB of 70 to the <br> nearest ten |  |
| :---: | :---: | :--- |
| B | UB of 8 to the <br> nearest integer |  |
| C | LB of 600 to the <br> nearest hundred |  |
| D | UB of 14 to the <br> nearest integer |  |
| E | UB of 120 to the <br> nearest ten |  |
| F | LB of 9.3 to 1 <br> decimal place |  |
| G | UB of 50 to 1 <br> significant figure <br> LB of 3.3 to 1 <br> decimal place |  |
| H | UB of 900 to the <br> nearest hundred |  |
| J | LB of 0.5 to 1 <br> significant figure |  |
| K | LB of 4 to 1 <br> significant figure |  |
| $\mathbf{L}$ | UB of 75 to the <br> nearest 5 |  |
| M | LB of 0.87 to 2 <br> decimal places |  |


| $\mathbf{N}$ | LB of 90 to 1 <br> significant figure |  |
| :---: | :---: | :--- |
| $\mathbf{O}$ | UB of 32 to 2 <br> significant figures |  |
| $\mathbf{P}$ | UB of 70 to the <br> nearest ten |  |
| $\mathbf{Q}$ | UB of 6.12 to 2 <br> decimal places |  |
| $\mathbf{R}$ | UB of 18 to the <br> nearest integer |  |
| $\mathbf{S}$ | LB of 10 to 2 <br> significant figures |  |
| $\mathbf{T}$ | LB of 4.7 to 2 <br> significant figures |  |
| $\mathbf{U}$ | LB of 8 to the <br> nearest integer |  |
| $\mathbf{V}$ | LB of 240 to the <br> nearest ten |  |
| $\mathbf{W}$ | UB of 4 to 1 <br> significant figure |  |
| $\mathbf{X}$ | LB of 25 to the <br> nearest 5 |  |
| $\mathbf{Y}$ | UB of 9.3 to 1 <br> decimal place |  |
| $\mathbf{Z}$ | UB of 9.29 to 2 <br> decimal places |  |

Now decode the joke....

| 4.5 | 3.25 | 65 | 4.65 |  | 14.5 | 32.5 |  | 9.35 | 32.5 | 7.5 |  | 550 | 65 | 77.5 | 77.5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| 4.65 | 4.5 | 32.5 |  | 14.5 | 7.5 | 14.5 | 125 | 9.95 |  | 4.5 | 3.25 | 32.5 |  | 77.5 | 32.5 | 235 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| 125 | 0.865 | 65 | 4.65 | 3.25 | 9.95 | $?$ |  | 65 | 77.5 | 55 | 125 | 8.5 | 18.5 | 32.5 | 9.95 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

