Fill out the table. For each expression, first compute the expression in your head, without

Python. Write the result in the second column, or “?” if you have no idea. Next use Python to

compute the expression. If the answers are different, try to explain why in the last column.

|  |  |  |  |
| --- | --- | --- | --- |
| **Expression** | **Expected value** | **Calculated value** | **Reason for Calculated Value** |
| min(25, 4) | 4 | 4 |  |
| max(25, 4) | 25 | 25 |  |
| min(25, max(27, 4)) | 25 | 25 |  |
| abs(25) | 25 | 25 |  |
| abs(-25) | 25 | 25 |  |
| round(25.6) | 25.6 | 26 | Rounds off the number to the nearest value |
| round(-25.6) | -25.6 | -26 | Rounds off the number to the nearest value |
| round(25.64, 0) | 25 | 26.0 | Rounds off the number to the nearest place holder value |
| round(25.64, 1) | 25.6 | 25.6 |  |
| round(25.64, 2) | 25.64 | 25.64 |  |
| len(‘Truth’) | 5 | 5 |  |
| len(‘Truth ’ + ‘is ’ + ‘best’ | 13 | 13 |  |