

## Drag and drop the following statements to describe functions

inputs      function name      a keyword to define the function

colon ends the function definition      return value      function code

The diagram shows a code snippet with five red arrows pointing from labels to specific parts of the code:

```
1. def calculate_sum (Q1, Q2, Q3, Q4):
2.     sum = Q1 + Q2 + Q3 + Q4
3.     return sum
```

- Top-left box (empty) points to the `def` keyword.
- Top-middle box (empty) points to the function name `calculate_sum`.
- Top-right box (empty) points to the opening parenthesis `(`.
- Bottom-left box (empty) points to the closing parenthesis `)`.
- Bottom-middle box (empty) points to the colon `:`.
- Bottom-right box (empty) points to the `return` statement.

## Calling the function

The function call      The function body

The diagram shows a code snippet with two boxes highlighting different parts, with arrows pointing to empty boxes for labeling:

```
1. def calculate_sum(Q1, Q2, Q3, Q4):
2.     sum = Q1 + Q2 + Q3 + Q4
3.     return sum
4.
5. Yousef_total = calculate_sum(4,5,2,3)
```

- A red box highlights the function definition (lines 1-3), with an arrow pointing to the top empty box.
- A yellow box highlights the function call (line 5), with an arrow pointing to the bottom empty box.