Solution:

1. Import the reduce() fun from the funtools module.

2. Define the binary function thad adds two no's

3. Apply reduce fun to list.

Code:

```
# Define the binary function.
def add (x, y):
    return x + y
# Given list
    numbers = [47, 11, 42, 13]

# Apply reduce() function
 result = reduce (add, numbers)
 Print ("Result :", result)
```

Result: