

```
import math

# set (a)
values_a = [3, 5, 8, 3, 7, 2]

# product of values
product_a = 1
for value in values_a:
    product_a *= value

# geometric mean
geometric_mean_a = math.pow(product_a, 1/len(values_a))

print("Geometric Mean for set (a):", geometric_mean_a)

# set (b)
values_b = [28.5, 73.6, 47.2, 31.5, 64.8]

# product of values
product_b = 1
for value in values_b:
    product_b *= value

# geometric mean
geometric_mean_b = math.pow(product_b, 1/len(values_b))

print("Geometric Mean for set (b):", geometric_mean_b)
```