Exercise 1: my_math/arithmetic.py

```python
def add(a, b):

    return a + b


def subtract(a, b):

    return a – b
```

Exercise 2: my_math/geometry.py

```python
def area_rectangle(length, width):

    return length * width
```

Exercise 3: my_math/__init__.py

```python
from .arithmetic import add, subtract

from .geometry import area_rectangle
```

Exercise 4: Use the Package in main.py

```python
from my_math import add, subtract, area_rectangle

print("add(3, 2):", add(3, 2))

print("subtract(5, 1):", subtract(5, 1))

print("area_rectangle(4, 5):", area_rectangle(4, 5))
```

Exercise 5: Installing and Using External Packages

```python
pip install numpy

import numpy as np

array = np.array([1, 2, 3])

print("numpy array * 2:", array * 2)  # Output: [2 4 6]
```