

MTK Basic Test 03 - Units with Pint

J. Simmons

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1 Test Units with Pint

This section tests using the Pint library to implement units in MTK. The following analysis computes the area of a rectangle.

```
from pint import UnitRegistry
ureg = UnitRegistry()

length = 2.5 * ureg.meter
width = 2.0 * ureg.meter

area = length * width
```

The area of a rectangle of length $2.5000000000000000\text{meter}$ and width $2.0000000000000000\text{meter}$ is $5.0000000000000000\text{meter}^2$.

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