

Wednesday 3 September

Quiz 02

NAME(s): _____

Use MATLAB to solve for x given

$$z^2 = \frac{0.15 z e^{0.3z}}{\sin(0.1x)}$$

when $z = [1 \ 2 \ 3 \ 4 \ 5]$.

Answer:

```
>> z = 1:5;
>> x = 10.0*asin(0.15*z.*exp(0.3*z)./(z.*z))

x =

    2.0389    1.3709    1.2329    1.2483    1.3486
```