

Wednesday 27 August

Quiz 01

NAME(s): _____

Use MATLAB to solve for x given

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

when $z = 5$.

Answer:

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

```
x =
```

```
1.3486
```