

ME 1020 Engineering Programming with MATLAB

Problem 1.6:

6. Use MATLAB to calculate

$$a. \frac{3}{4} (6) (7^2) + \frac{4^5}{7^3 - 145} \quad b. \frac{48.2(55) - 9^3}{53 + 14^2}$$

$$c. \frac{27^2}{4} + \frac{319^{4/5}}{5} + 60(14)^{-3}$$

Check your answers with a calculator.

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%Prob. 1-6 Scott Thomas
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```
a=3/4*6*7^2+4^5/(7^3-145)
```

```
b=(48.2*55-9^3)/(53+14^2)
```

```
c=27^2/4+319^(4/5)/5+60*14^(-3)
```

a =

225.6717

b =

7.7189

c =

202.4120