

Problems for Page 1

1.)

$$\text{a) } \sqrt[3]{8 + \frac{80}{2.6}} + e^{3.5}$$

2.)

$$\text{b) } \left(\frac{1}{\sqrt{75}} + \frac{73}{3.1^3} \right)^{\frac{1}{4}} + 55 * 0.41$$

3.) The last one have a set values for both Alpha and Beta. Alpha = $\pi/8$ and Beta = $\pi/6$.

$$\tan(\alpha + \beta) = \frac{\tan \alpha + \tan \beta}{1 - \tan \alpha \tan \beta}$$