| Math | n 15 Approximation N | <u>lay 3, 2018</u> |
|------|--|--------------------|
| 1. | Use brute force method to generate a series for <i>f</i> where $f(x) = \sqrt[3]{x+1}$ to approximate $\sqrt[3]{2}$ accurate to 0.01 units. | and use it |
| 2. | Use what we know about a geometric series to generate a series for $t^{-1}x^2$ and use it to approximate tan ⁻¹ 4 accurate to 0.01 units. | where |

- 3. Approximate π to 0.01 units.
- 4. Approximate e^2 to your desired level of accuracy.