



TOPIC 8: TUTORIAL 2

1. Find the inverse z transform of the following functions

using partial fraction method $\frac{10z}{(z-1)(z-2)}$

2. Find the inverse z transform of the following functions

using residue method $\frac{9z^3}{(3z-1)^2(z-2)}$

3. Find the inverse z transform of the following functions

using convolution theorem $\frac{z^2}{(z-\frac{1}{2})(z-\frac{1}{4})}$