

## Mathematics 552

### Quiz #4

Name: \_\_\_\_\_

Complete the following:

(1)  $a + ar + ar^2 + \cdots + ar^n =$

(2)  $(a + b)^n =$

(3)  $e^x =$

(4)  $\cos(x) =$

(5)  $\sin(x) =$