

Name: Agim Anwarul Karim Saivan

Public health

19/11/2020

Math 101 Assignment Answers

Empty set: This is when a set contains no element. It is called an empty set and it is denoted by  $\{\}$  or  $\emptyset$ .

Singleton set: This is known as a unit set, it is a set with exactly one element  $\{a\}$ .

If  $A = 2 + 7i$  and  $B = 9 - 6i$  find  $\text{Im}(A/B)$

$\text{Re } B - A$

$$\text{Im} = \frac{n}{2} (a+c)$$

~~$$\frac{7+9}{2} = 8$$~~

$$7! = 7 + 6 + 5 + 4 + 3 + 2 + 1 \\ = 28$$