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Math 101 Assignment

1a) Empty Set: This is when a set contains no element. It is called an empty set and it is denoted by $\{\}$ or \emptyset .

1b) Singleton set: This is known as a unit set. This is a set with exactly one element $\{0\}$.

2) If $A = 2 + 7$ and $B = 9 - 6$ Find (i) $m(A/B)$
ii) $R = B - A$

$$S_n = \frac{n}{2} (a + l)$$

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