



## Prove that the given statement is true (Using associative property)

a)  $1 + (1 + 2) = (1 + 1) + 2$

LHS :         $= 1 + (1 + 2)$   
                  $= 1 + 3$   
                  $= 4$

RHS :         $= (1 + 1) + 2$   
                  $= 2 + 2$   
                  $= 4$

$$1 + (1 + 2) = (1 + 1) + 2 = 4.$$

b)  $3 + (4 + 2) = (3 + 4) + 2$

c)  $2 + (5 + 3) = (2 + 5) + 3$





## Prove that the given statement is true (Using associative property)

d)  $4 + (3 + 6) = (4 + 3) + 6$


e)  $5 + (7 + 4) = (5 + 7) + 4$


f)  $7 + (9 + 3) = (7 + 9) + 3$


