RAM Maths Circle

Date: February 24, 2024

Swami Vivekanand School, Dombivli

- Can we divide a square into i square?
    For i = 4,5,6,7,8,9...

- There are 20 people in the village and daily they get 20 Bhakari's to eat. The conditions are:
    - Each man eats 2 Bhakaris
    - Each woman eats 1 and ½ Bhakaris
    - Each child eats ½ Bhakari

    They all have finished 20 Bhakaris and everyone got their share, how many Men, Women and Children are there?

- An 8x8 grid is covered by 1x2 dominions. Prove that 2 dominions formed 2x2 square.