



Concept_HW_G8_Patterns in Cubes and Cube Roots

Fill in the blank spaces:

$$21 + 23 + \quad + 27 + \quad = 125 = 5^3$$

Observe the pattern carefully

$$2^3 - 1^3 = 1 + 2 \times 1 \times$$

$$3^3 - 2^3 = 1 + \quad \times 2 \times 3$$

$$4^3 - 3^3 = 1 + 4 \times 3 \times 3$$

$$5^3 - 4^3 = 1 + 5 \times \quad \times 3$$