**QUESTION :**

The ratio between the present ages of P and Q is 6:7. If Q is 4 years old than P, what will be the ratio of the ages of P and Q after 4 years ?

**ANSWER :**

7 : 8

**HINT :**

Convert to constants for ratios and Then solve with condition given as after 4 years.

**STRATEGY :**

7x – 6x = 4 (Q is 4 years old than p)

X = 4.

So 7x – 6x becomes 6x + 4 & 7x + 4

Hence, (6x + 4) : (7x + 4) = 28 : 32

i.e 7 : 8