

Topics *to be covered*

- 1 Number System
- 2 Identities
- 3 Question Solving
- 4
- 5

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Twin Prime Numbers:-

Those two prime numbers whose difference is 2
(subtract)

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ex:- $(3, 5) \rightarrow \text{T.P.} \checkmark$

$(5, 7) \rightarrow \text{T.P.} \checkmark$

$(1, 3) \rightarrow \text{not T.P.}$

$(2, 5) \rightarrow \text{not T.P.}$

$(7, 9) \rightarrow \text{not T.P.}$

$(11, 13) \rightarrow \text{T.P.} \checkmark$

$(17, 19) \rightarrow \text{T.P.}$

(because 9 is
not a prime)

because diff $\neq 2$

because 1 is not a prime no.

HW

Ques:-

If

$$a + b = 11$$

+

$$ab = 3$$

find value of $a^3 + b^3 = ?$

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