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Question: Compute the public key (e, n) and private key (d, n) for the foll...

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Compute the public key (e, n) and private key (d, n) for the following:

p = 11

q = 3

Expert Answer ①



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Selution	
Required	
Public Key (e.n.)	
Public key (e,n) Private key (d,n)	
So, Here	
P= 11 & 9=3	
n = P9 = 11.3 = 33	IA
we have to find e (16ecq)	
Here $\phi = (P-1)(Q-1) = (11-1)(3-1) = 20$	
and $gcd(e, \phi) = 1$	
let e is 3	
and at last find d	
to find $d = 1 + k\phi/e$ (k any int $d = 1 + k(2\phi) = 1 + 2\phi = 7$: $k = 1$	eger)
d = 1 + k(20) = 1 + 20 = 7 : k = 1	,
3	
So,	
Public key (3,33) Private key (7,33)	
Private key (7, 33)	
	10000

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A: See answer

100% (1 rating)

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addition using the respective formulations ? (2,7)+(5,2) in the group of the curve y^2?

See answer

and private key (d, n) for the following: p = 11 q = 3

See answer

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Q: Compute the public key (e, n) and private key (d, n) for the following: p = 23 q = 13

A: See answer 100% (1 rating)

Q: Why are arrays important? Can you describe a situation during the design of a script where an array can be helpful? When would arrays be more appropriate to use than a database? What situations would a database be more appropriate to use than an array? Do arrays have any advantages over using a database?

A: See answer

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