Attendance Quiz 7

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Part I:

1.) What does the A stand for in RSA?

ANS.) Leonard Adleman

1.extra cred.) What was A's algorithm ~15 years ago?

ANS.) Either an algorithm regarding DNA computing or the Adleman-Pomerance-Rumely primality test.

2.) What is the name of the person who discovered/invented an algorithm to factorize integers using quantum computers?

ANS.) Peter Shor

Part II:

1.) $13 = 10 + 3$

$\gcd(13, 10) = \gcd(3, 10)$

$10 - 9 = 1$

$9 = 3^2$

$10 - (13-10)^2 = 1$

$10 - 3(13-10) = 1$

$4(10) = 1 + 3(13)$

Give: 4 ten dollar coins

Get: coffee + 3 thirteen dollar coins