Steps :

1) Now 197 is close to 200
2) So, we add a subtract 3 for b clark.

3) After that, we can easily multiply with 200

4) Add 3^2 to the answer.

a) mats it.

Square of a Decimal number

1) $(0.067)^2$.

Forget about the decimal point

67^2.

$6^2 = 36$ $7^2 = 49$

$6 \times 7 \times 2 = 84$.

So, we get.

$36 | 84 | 49$

4489

Now, after the decimal point, there are 3 digits. Also, there is a square.
So, $(3 \times 2) = 6$.

So, after the decimal point, there should be 6 digits, with 4489 at the end.

So, The answer becomes.

0.004489

JAN 2017
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15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 · · · · ·

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· · · 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28 29 30 31 · · · · · · ·
MAR 2017

2) $(0.0092)^2$.

Forget about the
decimal point.

$(92)^2$

81 . | 84

36

81 | 36 | 4
846 4

Now, after the decimal point
there are 4 digits and
there is a square.
So, $(4 \times 2) = 8$.

So, after the decimal point
'there should be 8 digits'
with 8464 at the end.
0.00008464 :

Imperfect no.
square root of a number.

Here, you have to know
the squares of numbers from
1 to 30.

1) $\sqrt{38}$

$= \sqrt{36}$

$= 6 + \ldots \ldots$ (A)

$= 6 \quad \dfrac{38 - 36}{6 \times 2}$.

$= \dfrac{2}{12}$

$= \dfrac{1}{6}$

$= 0.16 \quad \text{——— (B)}$

From A & B,
we get $6 + 0.16$.
$= 6.16$

JAN 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
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APR 2017