Input: A = 32 bits   B = 32 bits

Partial Product Generated: 32

PpG: 1 2 3 4 5 6 789   25 26 27. 31 32

Level: 0-2 3-5 6-8 9-11 12-14 15-17 18-20 21-23 24-26 27-29 30-3

Level-2   s|c s/   c s/c   s|c| s/   c   s/c   s|c s/ c   s/c   s|c   /
          [F.A]   [F.A]   [F.A]   [F.A] [F.A] [F.A]   [F.A]

Level-3   s|c   s/ c   s/c   s|c| s/   c s/c   s/c   31
          [F.A]   [F.A]   [F.A]   [F.A]   [F.A]

Level-4   s|c   s/   &c   s/c   s|c| s/
              [F.A]   [F.A]   [F.A]

Level-5   s|c s/   c| s/c
                [F.A]   [F.A]   C   C

Level-6   s|c   s/   c/
                  [F.A]

Level-7   s|c|
                    [F.A]

Level-8   s|c|
                  [F.A]

Level-9   s| |c
                  [C.L.A]
                    1 output
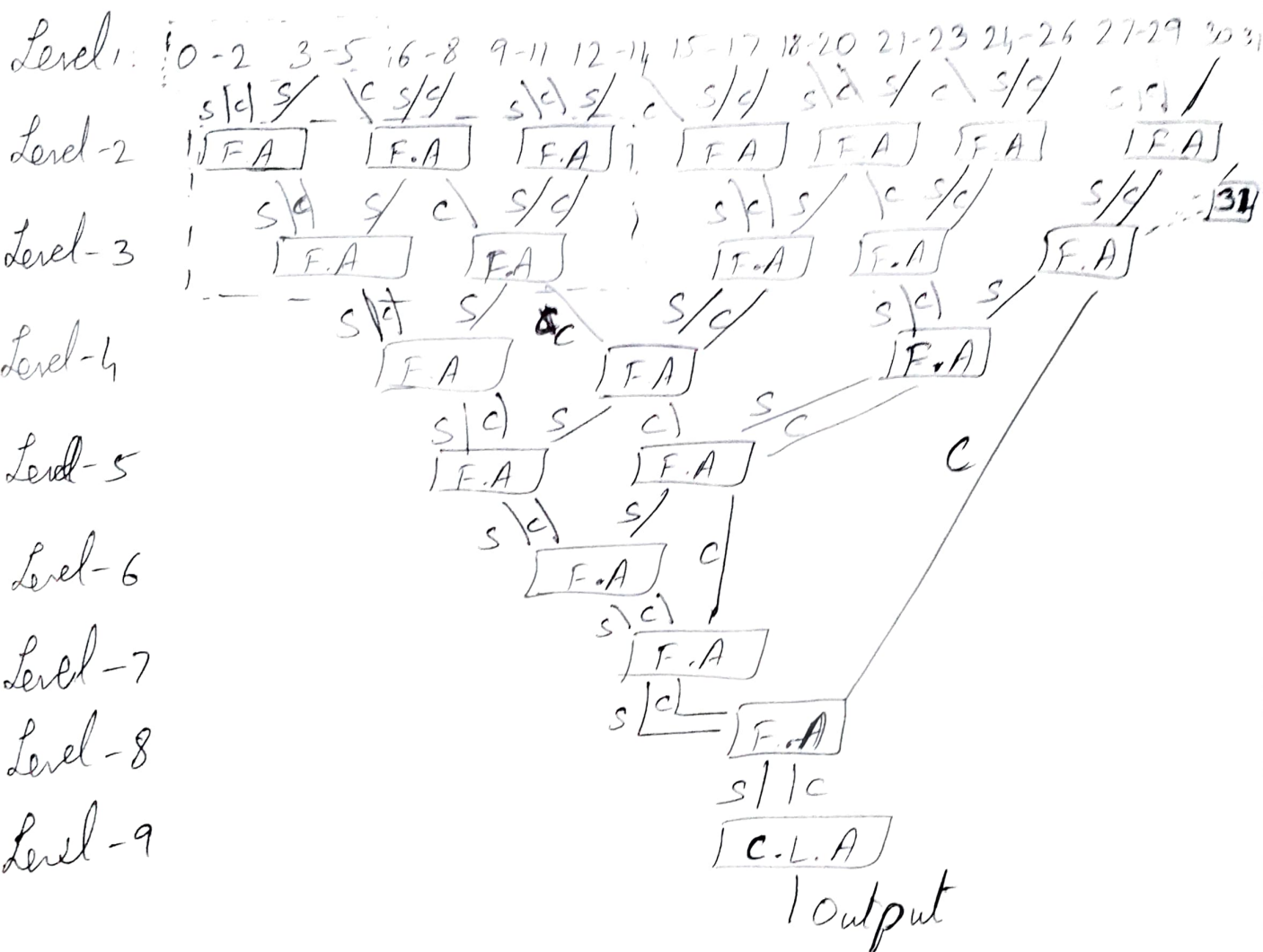
At Level -1 ([-]) the dotted box is generated
using 3fa.v which takes 3 partial products as input
and "Sum" and "Carry" as Output (two-bit width)
At Level -2 through 8, the box (Sample at Level-2) takes
~~three~~ five Sum and four Carry products as input and
two Sum and two Carry as Output