Written Part Simon Chin Sc[illegible] N'00133[illegible]

a) 1 - 2 + 3 - 2

1 → 1 2 → 1 2 - → 1 2 - 3 → 1 2 - 3 +

→ 1 2 - 3 + 2 -

b) (2 ^ 3) ^ 2

pops with)

2 → 2 → 2 3 → 2 3 ^ → 2 3 ^ → 2 3 ^ 2 ^

c) 2 ^ 3 ^ 2

2 → 2 → 2 3 → 2 3 → 2 3 2 → 2 3 2 ^ ^

d) (2 + 6) / 3 - (32 + 4 * 7) * 2

pops when)

2 → 2 → 2 6 → 2 6 + → 2 6 + → 2 6 + 3 → 2 6 + 3 /

→ 2 6 + 3 / → 2 6 + 3 / 32 → 2 6 + 3 / 32 4 → 2 6 + 3 / 32 4

pop when)

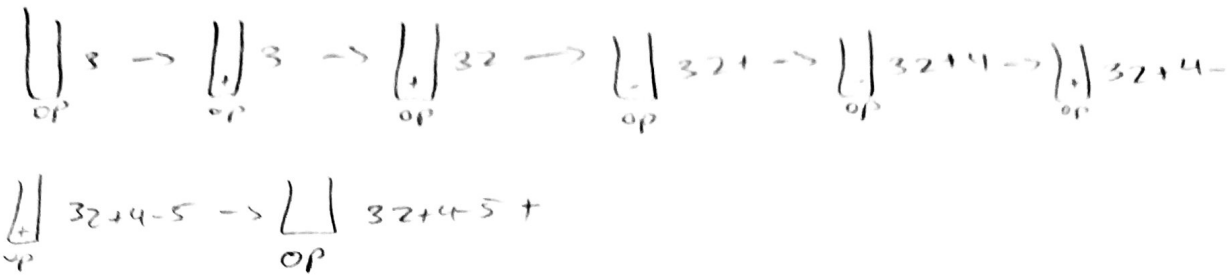
→ 2 6 + 3 / 32 4 7 → 2 6 + 3 / 32 4 7 * + → 2 6 + 3 / 32 4 7 * +

→ 2 6 + 3 / 32 4 7 * + 2 → 2 6 + 3 / 32 4 7 * + 2 * -

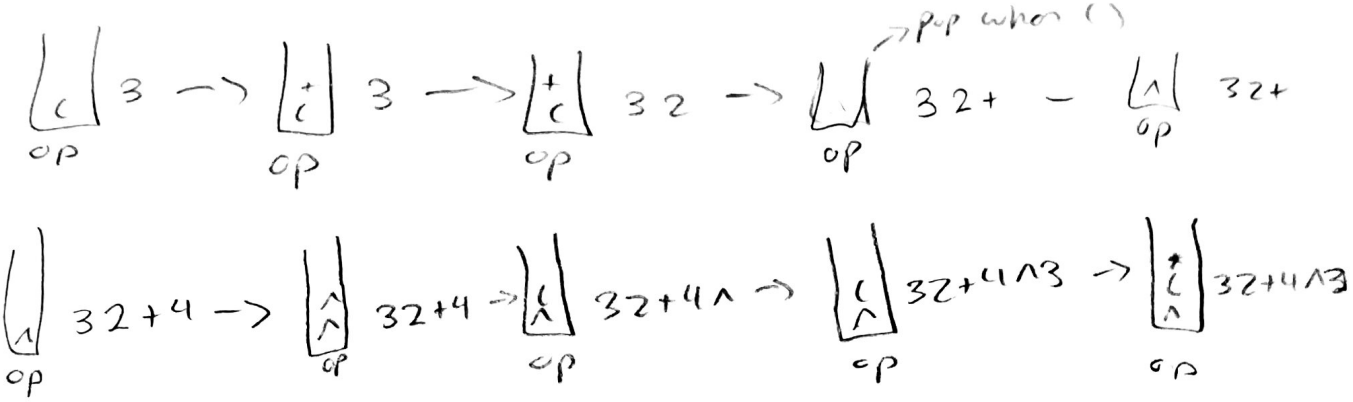
op

eof

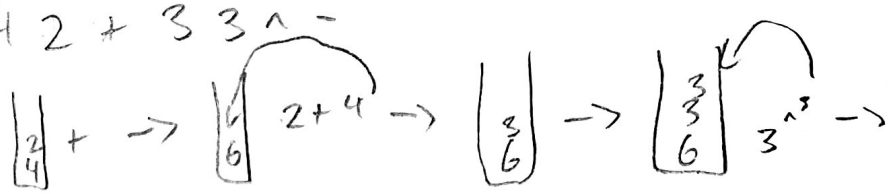
e) 3 + 2 − 4 + 5



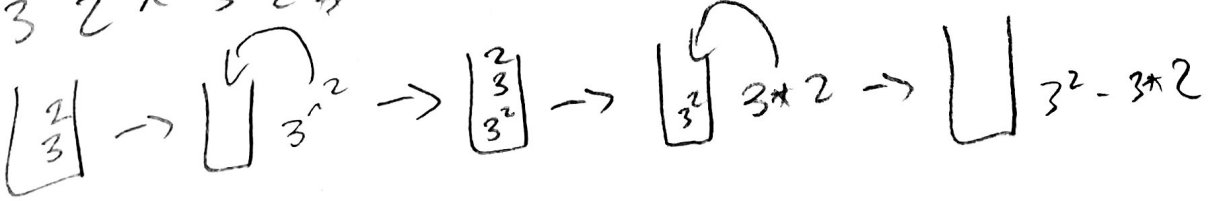
f) (3+2) ^ 4 ^ (3 * 2+4)



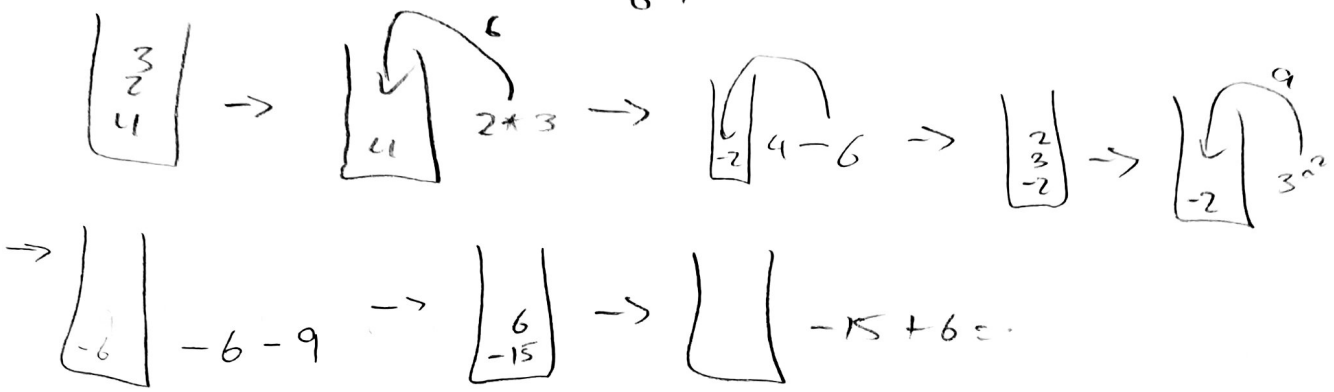
2a) 4 2 + 3 3 ^ −



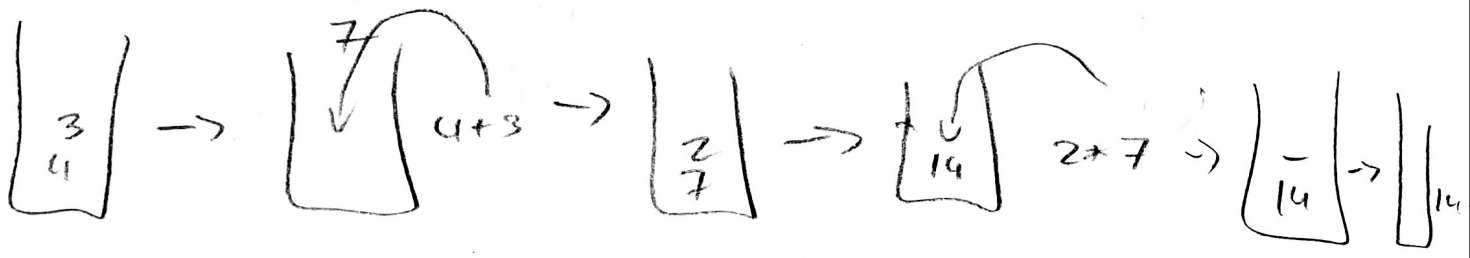
b) 3 2 ^ 3 2 * −



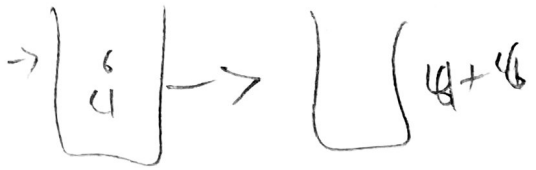
c) 4 2 3 * - 3 2 ^ - 6 +



d) 4 3 + 2 * 1 -



e) 3 5 * 1 + 4 / 6 +



3) Prec_Tab = { { 0, 13, { 0, 03, // Eol, Value
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{ 6, 53, //EXP
{ 3, 43, { 3, 43, { 3, 43 // MULT, DIV, %
{ 1, 23, { 1, 23 3;

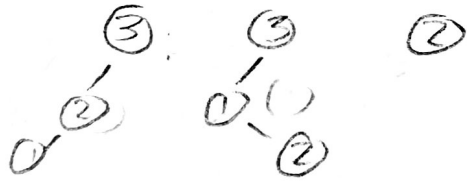
4) 445

5) (a) *
(b) -
(c) 3, 4, 5, 8
(d) +, -
(e) 1
(f) 1

(g) 6
(h) 4, -
(i) +
(j) 4 + 5 - 8 * 3
(k) * + 4 - 5 8 3
(l) 4 5 8 - + 3 *

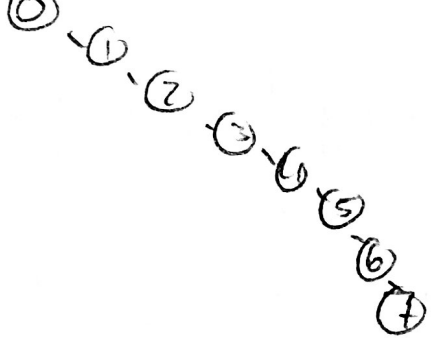
6)

7) 6



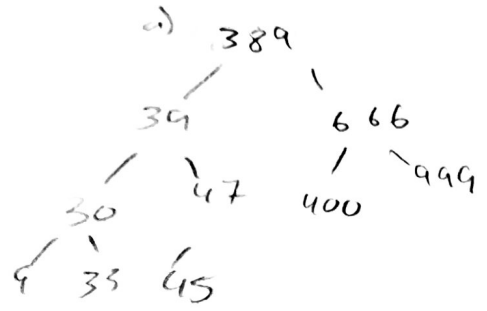
8)

Max

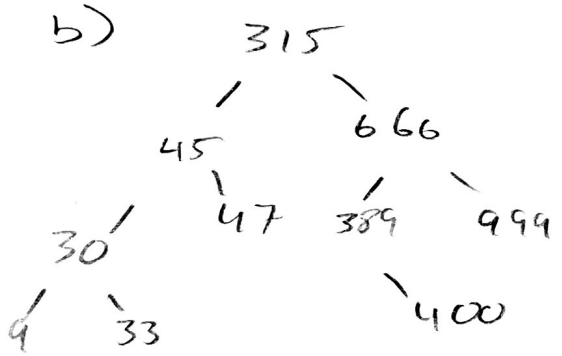


9)

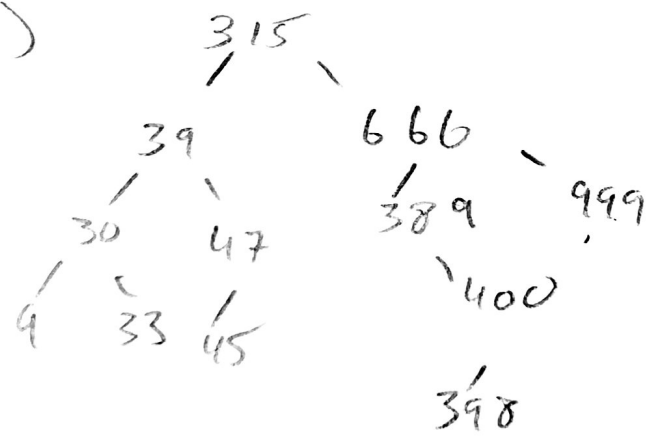
a)


389
39
666
30
47
400
999
4
33
45

b)


315
45
666
30
47
389
999
4
33
400

(c)


315
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666
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389
999
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400
398