...dable Problem .

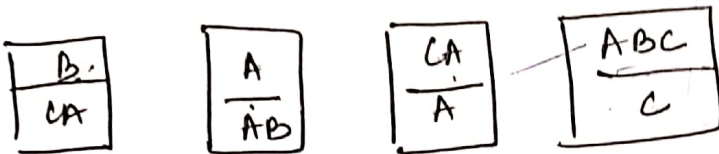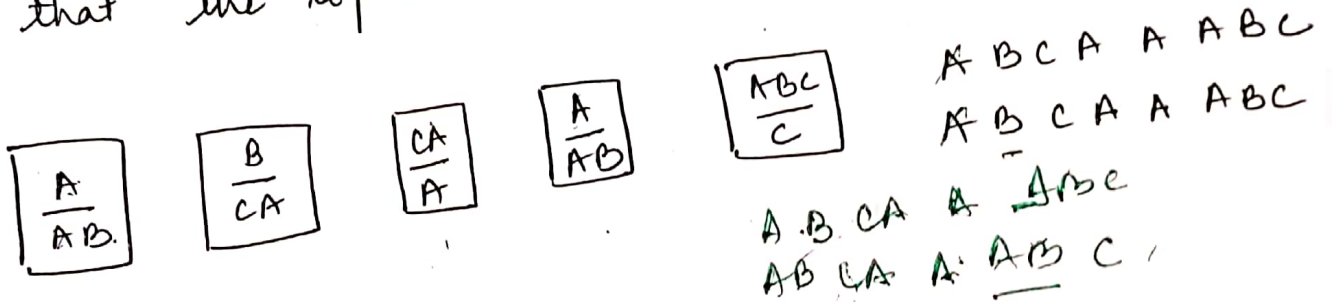**Q.** [0][0][9] Post correspondence Problem → is an undecidable decision problem that was introduced by Emil Post in 1946.

① **Dominos** :

B.		A		CA		ABC
CA		AB		A		C

We need to find a sequence of dominos such that the top & bottom strings are the same.

A		B		CA		A		ABC
AB.		CA		A		AB		C

A B C A   A   A B C
A B C A A   A B C

A .B CA A ABC
AB CA A ABC C ✓

Another way

A B
A B C A ②

	A. (top)	B (bottom)	1'
1°	1	1 1 1	111
2°	10 1 1 1	1 0	10111 / 10
3	1 0.	0	10 / 0
	(1011①)	1° 10	= 10111 11 10

A   1011 1 / 10

B

(10111)

1'

1'1

111.
extra
one

0.

101 11 111 0