Stage 1: Rote Learning

X	0	1	2	3	4	5	6	7	8	9	10	11	12
10													

0 x 10 =	10 x 0 =	0 ÷ 10 =
10 x 1 =	1 x 10 =	10 ÷ 1 =

10 x 2 =	10 x 4 =	10 x 8 =	10 x 3 =	10 x 6 =	10 x 12 =
2 x 10 =	4 x 10 =	8 x 10 =	3 x 10 =	6 x 10 =	12 x 10 =
20 ÷ 2 =	40 ÷ 4 =	80 ÷ 8 =	30 ÷ 3 =	60 ÷ 6 =	120 ÷ 10 =
20 ÷ 10 =	40 ÷ 10 =	80 ÷ 10 =	30 ÷ 10 =	60 ÷ 10 =	120 ÷ 12 =

10 x 5 =	10 x 10 =	10 x 7 =	10 x 9 =	10 x 11 =
5 x 10 =	100 ÷ 10 =	7 x 10 =	9 x 10 =	11 x 10 =
50 ÷ 5 =		70 ÷ 7 =	90 ÷ 10 =	110 ÷ 10 =
50 ÷ 10 =		70 ÷ 10 =	90 ÷ 9 =	110 ÷ 11 =

Stage 2: Memorisation

X	0	1	2	3	4	5	6	7	8	9	10	11	12
10													

0 x 10 =	10 ÷ 1 =
10 x 0 =	0 ÷ 10 =
10 x 1 =	1 x 10 =

10 x 2 =	80 ÷ 10 =
10 x 8 =	2 x 10 =
10 x 4 =	4 x 10 =
8 x 10 =	20 ÷ 2 =
40 ÷ 10 =	40 ÷ 4 =
80 ÷ 8 =	20 ÷ 10 =

10 x 3 =	120 ÷ 12 =
10 x 6 =	3 x 10 =
30 ÷ 3 =	60 ÷ 6 =
10 x 12 =	120 ÷ 10 =
6 x 10 =	60 ÷ 10 =
12 x 10 =	30 ÷ 10 =

10 x 5 =	100 ÷ 10 =
5 x 10 =	50 ÷ 5 =
50 ÷ 10 =	10 x 10 =

10 x 7 =	90 ÷ 9 =
110 ÷ 10 =	7 x 10 =
70 ÷ 7 =	10 x 9 =
90 ÷ 10 =	10 x 11 =
11 x 10 =	70 ÷ 10 =
110 ÷ 11 =	9 x 10 =

Stage 3: Varied Application

X	0	1	2	3	4	5	6	7	8	9	10	11	12
10													

0 x __ = 0	10 ÷ __ = 10
10 x __ = 0	__ ÷ 10 = 0
10 x __ = 10	__ x 10 = 10

10 x __ = 20	__ ÷ 10 = 8
10 x __ = 80	__ x 10 = 20
10 x __ = 40	__ x 10 = 40
__ x 10 = 80	__ ÷ 2 = 10
__ ÷ 10 = 4	40 ÷ __ = 10
80 ÷ __ = 10	20 ÷ __ = 2

10 x __ = 30	__ ÷ 12 = 10
10 x __ = 60	__ x 10 = 30
__ ÷ 3 = 10	60 ÷ __ = 10
10 x __ = 120	__ ÷ 10 = 12
__ x 10 = 60	__ ÷ 10 = 6
12 x __ = 120	__ ÷ 10 = 3

10 x __ = 50	__ ÷ 10 = 10
5 x __ = 50	__ ÷ 5 = 10
50 ÷ __ = 5	10 x __ = 100

10 x __ = 70	__ ÷ 9 = 10
__ ÷ 10 = 11	__ x 10 = 70
__ ÷ 7 = 10	10 x __ = 90
__ ÷ 10 = 9	10 x __ = 110
11 x __ = 110	__ ÷ 10 = 7
__ ÷ 11 = 10	__ x 10 = 90