Stage 1: Rote Learning

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

0 x 2 =	2 x 0 =	0 ÷ 2 =
2 x 1 =	1 x 2 =	2 ÷ 1 =

2 x 2 =	2 x 4 =	2 x 8 =	2 x 3 =	2 x 6 =	2 x 12 =
4 ÷ 2 =	4 x 2 =	8 x 2 =	3 x 2 =	6 x 2 =	12 x 2 =
	8 ÷ 2 =	16 ÷ 2 =	6 ÷ 2 =	12 ÷ 2 =	24 ÷ 2 =
	8 ÷ 4 =	16 ÷ 8 =	6 ÷ 3 =	12 ÷ 6 =	24 ÷ 12 =

2 x 5 =	2 x 10 =	2 x 7 =	2 x 9 =	2 x 11 =
5 x 2 =	10 x 2 =	7 x 2 =	9 x 2 =	11 x 2 =
10 ÷ 2 =	20 ÷ 2 =	14 ÷ 2 =	18 ÷ 2 =	22 ÷ 2 =
10 ÷ 5 =	20 ÷ 10 =	14 ÷ 7 =	18 ÷ 9 =	22 ÷ 11 =

Stage 2: Memorisation

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

0 x 2 =	2 x 0 =
0 ÷ 2 =	2 x 1 =
1 x 2 =	2 ÷ 1 =

16 ÷ 2 =	2 x 4 =
8 ÷ 4 =	8 ÷ 2 =
4 ÷ 2 =	2 x 2 =
4 x 2 =	8 x 2 =
2 x 8 =	16 ÷ 8 =

2 x 3 =	2 x 12 =
12 ÷ 6 =	12 ÷ 2 =
3 x 2 =	24 ÷ 2 =
6 x 2 =	12 x 2 =
24 ÷ 12 =	6 ÷ 3 =
2 x 6 =	6 ÷ 2 =

20 ÷ 2 =	2 x 10 =
10 ÷ 5 =	20 ÷ 10 =
10 ÷ 2 =	2 x 5 =
10 x 2 =	5 x 2 =

2 x 11 =	11 x 2 =
18 ÷ 9 =	2 x 7 =
2 x 9 =	7 x 2 =
9 x 2 =	22 ÷ 2 =
18 ÷ 2 =	14 ÷ 2 =
14 ÷ 7 =	22 ÷ 11 =

Stage 3: Varied Application

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

__ x 2 = 0	2 x __ = 0
__ ÷ 2 = 0	2 x __ = 2
1 x __ = 2	__ ÷ 1 = 2

2 x __ = 6	2 x __ = 24
12 ÷ __ = 2	__ ÷ 2 = 6
__ ÷ 2 = 12	__ x 2 = 12
12 x __ = 24	2 x __ = 12
24 ÷ __ = 2	__ x 2 = 6
6 ÷ __ = 2	__ ÷ 2 = 3

2 x __ = 22	2 x __ = 18
11 x __ = 22	2 x __ = 14
__ ÷ 9 = 2	__ x 2 = 14
__ x 2 = 18	22 ÷ __ = 11
__ ÷ 2 = 9	__ ÷ 2 = 7
14 ÷ __ = 2	__ ÷ 11 = 2

__ ÷ 2 = 8	__ x 4 = 8
8 ÷ __ = 2	__ ÷ 2 = 4
4 ÷ __ = 2	2 x __ = 4
__ x 2 = 8	__ x 2 = 16
__ x 8 = 16	__ ÷ 8 = 2

__ ÷ 2 = 10	__ x 10 = 20
__ ÷ 5 = 2	20 ÷ __ = 2
__ ÷ 2 = 5	__ x 5 = 10
__ x 2 = 20	__ x 2 = 10