0 - 3 MULTIPLICATION FACTS

MULTIPLICATION IS ADDITION.
EXAMPLE: 2 X 3 = 3 + 3 = 6 OR 4 X 1 = 1 + 1 + 1 + 1 = 4.

0 X **0** = 0	0 X **1** = 0	0 X **2** = 0	0 X **3** = 0
1 X **0** = 0	1 X **1** = 1	1 X **2** = 2	1 X **3** = 3
2 X **0** = 0	2 X **1** = 2	2 X **2** = 4	2 X **3** = 6
3 X **0** = 0	3 X **1** = 3	3 X **2** = 6	3 X **3** = 9
4 X **0** = 0	4 X **1** = 4	4 X **2** = 8	4 X **3** = 12
5 X **0** = 0	5 X **1** = 5	5 X **2** = 10	5 X **3** = 15
6 X **0** = 0	6 X **1** = 6	6 X **2** = 12	6 X **3** = 18
7 X **0** = 0	7 X **1** = 7	7 X **2** = 14	7 X **3** = 21
8 X **0** = 0	8 X **1** = 8	8 X **2** = 16	8 X **3** = 24
9 X **0** = 0	9 X **1** = 9	9 X **2** = 18	9 X **3** = 27
10 X **0** = 0	10 X **1** = 10	10 X **2** = 20	10 X **3** = 30
11 X **0** = 0	11 X **1** = 11	11 X **2** = 22	11 X **3** = 33
12 X **0** = 0	12 X **1** = 12	12 X **2** = 24	12 X **3** = 36
13 X **0** = 0	13 X **1** = 13	13 X **2** = 26	13 X **3** = 39

DO YOU SEE A PATTERN FOR EACH SET? REMEMBER, MULTIPLICATION IS A SHORTCUT FOR ADDITION.

IF YOU LOOK AT TWO, YOU CAN SEE THAT EVERY TIME WE MULTIPLY WE'RE JUST ADDING TWO TO THE ANSWER BEFORE IT.

4 X **2** = 8
5 X **2** = 10 } +2
6 X **2** = 12 } +2
7 X **2** = 14 } +2

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