Complete Large Multiplication Table

1. Fill in the blanks in the multiplication

x	0	1	2	3	4	5	6	7	8	9	10	11	12	13
0		0				0			0			0		0
1			2		4			7				11		
2		2		6	8		12		18				24	
3	0			9		15		21			30			
4	0			12		20		28		36		44		52
5			10	15	20				40	45				
6							36			54		66	72	
7		7			28			49			70			
8	0		16			40	48		64		80	88		104
9			27			54	63		81			108	117	
10		10	20					70			100			130
11	0	11	22		44	55		77					132	
12	0							84	96	108				
13	0		26	39			78		104			143		169

2. The square of a number is the product of that number multipled to itself. Refer to the multiplication table above and find the square of the following numbers:

   a. 3   b. 6   c. 11   d. 13

   Solution:
   a.   c.
   b.   d.

3. Find the missing numbers in the given sequences.
   a. 6, 12, __, __, 30, __, 42, 48
   b. 4, __, 16, __, 36, __, 64
   c. 10, __, 20, __, __, 35, 40, 45
   d. 12, __, __, 48, 60, 72

   Solution:
   a.
   b.
   c.
   d.

4. The product of two numbers is 22. The sum of the same two numbers is 13. What are the two numbers?
   a. 22 and 1   b. 11 and 2   c. 7 and 4   d. 8 and 3

   Solution:

5. List all the numbers that are multiples of 4 but are not multiples of 8. All the numbers are below 50.

   Solution:

6. Jacob adds 5 to four times of an unknown number and reaches 45. What is the unknown number?

   Solution:

7. In a package, there are 6 boxes of pencils inside it. Each box contains 10 pencils. If there are two packages, how many pencils are there altogether?

   Solution:

Complete Large Multiplication Table

Answer Key

1. Fill in the blanks in the multiplication

x	0	1	2	3	4	5	6	7	8	9	10	11	12	13
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12	13
2	0	2	4	6	8	10	12	14	16	18	20	22	24	26
3	0	3	6	9	12	15	18	21	24	27	30	33	36	39
4	0	4	8	12	16	20	24	28	32	36	40	44	48	52
5	0	5	10	15	20	25	30	35	40	45	50	55	60	65
6	0	6	12	18	24	30	36	42	48	54	60	66	72	78
7	0	7	14	21	28	35	42	49	56	63	70	77	84	91
8	0	8	16	24	32	40	48	56	64	72	80	88	96	104
9	0	9	18	27	36	45	54	63	72	81	90	99	108	117
10	0	10	20	30	40	50	60	70	80	90	100	110	120	130
11	0	11	22	33	44	55	66	77	88	99	110	121	132	143
12	0	12	24	36	48	60	72	84	96	108	120	132	144	156
13	0	13	26	39	52	65	78	91	104	117	130	143	156	169

2. The square of a number is the product of that number multipled to itself. Refer to the multiplication table above and find the square of the following numbers:
   a. 3   b. 6   c. 11   d. 13

   a. 9   c. 121
   b. 36   d. 169

3. Find the missing numbers in the given sequences.
   a. 6, 12, __, __, 30, __, 42, 48
   b. 4, __, 16, __, 36, __, 64
   c. 10, __, 20, __, __, 35, 40, 45
   d. 12, __, __, 48, 60, 72

   a. 6, 12, 18, 24, 30, 36, 42, 48
   b. 4, 9, 16, 25, 36, 49, 64
   c. 10, 15, 20, 25, 30, 35, 40, 45
   d. 12, 24, 36, 48, 60, 72

4. The product of two numbers is 22. The sum of the same two numbers is 13. What are the two numbers?
   a. 22 and 1   b. 11 and 2   c. 7 and 4   d. 8 and 3

   b

5. List all the numbers that are multiples of 4 but are not multiples of 8. All the numbers are below 50.

   4, 12, 20, 28, 36, 44

6. Jacob adds 5 to four times of an unknown number and reaches 45. What is the unknown number?

   10

7. In a package, there are 6 boxes of pencils inside it. Each box contains 10 pencils. If there are two packages, how many pencils are there altogether?

   120 pencils