

Challenge

Multiplication Table Puzzle

Cut out each of the puzzle pieces below. Then, on a separate sheet of paper, arrange and paste the pieces in the correct order to show a complete multiplication table.

0	0	0	0
7			
14	16		

40

9	18	27	36
		30	40

48

56	63
----	----

56	64	72
----	----	----

0	0
0	1
0	2

0
1
2
3
4
5
6
7
8
9
10

40	48	
45	54	63
50	60	70

8	9	10
---	---	----

	18	20
--	----	----

21	24	27	30
----	----	----	----

0	5
---	---

0

0	7	14
---	---	----

0	0	0
4	5	6
8	10	12

70

80

72	81	90
80	90	100

0
3
6

0
2
4

15	18
20	24
	30
30	36
35	42

28	32	36	40
35		45	50
42		54	60
49			

0	3	6
0	4	8

x	0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	---	----

0	8	16
0		
0	10	20

6	12	18	24
		21	28
		24	32

	9	12	
	12	16	
10	15	20	25

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Cut out each of the puzzle pieces below. Then, on a separate sheet of paper, arrange and paste the pieces in the correct order to show a complete multiplication table.

Students should show their put-together puzzles as a complete multiplication table.

0	0	0	0
7			
14	16		

40		
48		
56	63	
56	64	72

9	18	27	36
		30	40

40	48	
45	54	63
50	60	70

8	9	10	
	18	20	
21	24	27	30

0	0
0	1
0	2

0	0	0
4	5	6
8	10	12

70		
80		
72	81	90
80	90	100

0	5	
0		
0	7	14

0	0	0
4	5	6
8	10	12

15	18
20	24
	30
30	36
35	42

28	32	36	40
35		45	50
42		54	60
49			

0
3
6

0	0
2	4
6	8

0	3	6
0	4	8

0
1
2
3
4
5
6
7
8
9
10

x	0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	---	----

0	8	16
0		
0	10	20

6	12	18	24
		21	28
		24	32

9	12		
12	16		
10	15	20	25