

Name: Class:

Multiplication input/output tables: find the rule

Find the rule on each table below.

1.

Rule:			
Input	Output		
4	16		
5	20		
6	24		
7	28		

2.

Rule:			
Input	Output		
5	45		
7	63		
9	81		
11	99		



3.

Rule:			
Input	Output		
0	0		
2	10		
3	15		
8	40		
10	50		

4.

Rule:			
Input	Output		
22	44		
23	46		
24	48		
25	50		
26	52		

5.

Rule:			
Input	Output		
4	48		
5	60		
6	72		
7	84		
8	96		

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Multiplication input/output tables: find the rule

Find the rule on each table below.

1.

Rule: $\times 4$

Input	Output
4	16
5	20
6	24
7	28

Let's first of all start by figuring out how the input numbers are related to the output numbers.

You see that, we can get from 4 to 16 by multiplying 4 by 4
 5 to 20 by multiplying 4 by 4
 6 to 24 by multiplying 6 by 4
 7 to 28 by multiplying 7 by 4
 So, the rule is multiply by 4

2.

Rule: $\times 9$

Input	Output
5	45
7	63
9	81
11	99

3.

Rule: $\times 5$

Input	Output
0	0
2	10
3	15
8	40
10	50

4.

Rule: $\times 2$

Input	Output
22	44
23	46
24	48
25	50
26	52

5.

Rule: $\times 12$

Input	Output
4	48
5	60
6	72
7	84
8	96