

Name: ..... Class: .....

Whole number multiplication input/output tables



Multiply the following using the given rules.

a. (example)

To solve this, let's multiply all the input numbers by 7 in the "show working" column to get the output.

Rule: $\times 7$		
Input	Show working	output
0		
3		
7		
9		
11		

Rule: $\times 7$		
Input	Show working	output
0	$0 \times 7$	0
3	$3 \times 7$	21
7	$7 \times 7$	49
9	$9 \times 7$	63
11	$11 \times 7$	77

b.

Rule: $\times 12$		
Input	Show working	output
0		
2		
4		
6		
8		

c.

Rule: $\times 3$		
Input	Show working	output
1		
3		
4		
5		
6		

d.

Rule: $\times 9$		
Input	Show working	output
0		
1		
2		
3		
4		

e.

Rule: $\times 10$		
Input	Show working	output
0		
4		
6		
9		
10		
3		



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Input	Show working	output
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7	$7 \times 7$	49
9	$9 \times 7$	63
11	$11 \times 7$	77

b.

Rule: $\times 12$		
Input	Show working	output
0	$0 \times 12$	0
2	$2 \times 12$	24
4	$4 \times 12$	48
6	$6 \times 12$	72
8	$8 \times 12$	96

c.

Rule: $\times 3$		
Input	Show working	output
1	$1 \times 3$	3
3	$3 \times 3$	9
4	$4 \times 3$	12
5	$5 \times 3$	15
6	$6 \times 3$	18

d.

Rule: $\times 9$		
Input	Show working	output
0	$0 \times 9$	0
1	$1 \times 9$	9
2	$2 \times 9$	18
3	$3 \times 9$	27
4	$4 \times 9$	36

e.

Rule: $\times 10$		
Input	Show working	output
0	$0 \times 10$	0
4	$4 \times 10$	40
6	$6 \times 10$	60
9	$9 \times 10$	90
10	$10 \times 10$	100
3	$3 \times 10$	30

