In-Out Boxes

1)

IN	OUT
1	
5	
8	
11	
14	
Rule: Multiply by 16	

2)

IN	OUT
10	
14	
19	
25	
29	
Rule: Add 24	

3)

IN	OUT
15	
29	
37	
59	
73	
Rule: Subtract 13	

4)

IN	OUT
38	
76	
171	
228	
285	
Rule: Divide by 19	

5)

IN	23	47	54	63	75
OUT					

Rule: Subtract 11

6)

IN	0	3	6	8	13
OUT					

Rule: Multiply by 22

7)

IN	45	60	90	105	135	165	195	225
OUT								

Rule: Divide by 15

Answers

1)

IN	OUT
1	16
5	80
8	128
11	176
14	224
Rule: Multiply by 16	

2)

IN	OUT
10	34
14	38
19	43
25	49
29	53
Rule: Add 24	

3)

IN	OUT
15	2
29	16
37	24
59	46
73	60
Rule: Subtract 13	

4)

IN	OUT
38	2
76	4
171	9
228	12
285	15
Rule: Divide by 19	

5)

IN	23	47	54	63	75
OUT	12	36	43	52	64

Rule: Subtract 11

6)

IN	0	3	6	8	13
OUT	0	66	132	176	286

Rule: Multiply by 22

7)

IN	45	60	90	105	135	165	195	225
OUT	3	4	6	7	9	11	13	15

Rule: Divide by 15