Function Machine Determining Rule Lesson 1A

Name _____

Directions: Determine which number sentence best matches the function machine. Circle the correct answer. When completed scan in the QR Code to check your answers.

1)

In	Out
10	40
2	8
4	16
7	28
8	32

If each input is 'Q' which rule could the function machine be using?

A. Q × 4   B. Q + 2
C. O ÷ 4   D. O + 6

2)

In	Out
30	3
100	10
50	5
90	9
80	8

If each input is 'Q' which rule could the function machine be using?

A. Q × 10   B. Q ÷ 6
C. O ÷ 10   D. O ÷ 2

3)

In	Out
98	92
40	34
15	9
32	26
73	67

If each input is 'Q' which rule could the function machine be using?

A. Q - 6   B. Q ÷ 9
C. O ÷ 6   D. O × 6

4)

In	Out
14	27
72	85
35	48
78	91
21	34

If each input is 'Q' which rule could the function machine be using?

A. Q × 7   B. Q + 7
C. Q + 13   D. Q × 13

5)

In	Out
2	16
8	64
10	80
5	40
3	24

If each input is 'Q' which rule could the function machine be using?

A. Q × 4   B. Q × 8
C. Q + 7   D. Q × 3

6)

In	Out
50	37
28	15
69	56
109	96
61	48

If each input is 'Q' which rule could the function machine be using?

A. Q - 13   B. Q ÷ 3
C. Q ÷ 5   D. Q - 5

7)

In	Out
9	27
7	21
10	30
5	15
3	9

If each input is 'Q' which rule could the function machine be using?

A. Q + 7   B. Q + 6
C. Q ÷ 3   D. Q × 3

8)

In	Out
62	58
92	88
102	98
66	62
38	34

If each input is 'Q' which rule could the function machine be using?

A. Q × 4   B. Q ÷ 9
C. Q - 2   D. Q - 4

9)

In	Out
21	7
30	10
9	3
24	8
15	5

If each input is 'Q' which rule could the function machine be using?

A. Q - 3   B. Q - 6
C. Q + 3   D. Q ÷ 3