



Determine which number sentence best matches the function machine.

Answers

1)

In	Out
41	25
66	50
28	12
113	97
35	19

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

- A. $Q - 5$ B. $Q - 16$
C. $Q + 16$ D. $Q \div 4$

2)

In	Out
35	5
56	8
28	4
49	7
42	6

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

- A. $Q + 7$ B. $Q \div 10$
C. $Q \div 7$ D. $Q \div 7$

3)

In	Out
69	83
60	74
85	99
12	26
10	24

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

- A. $Q + 14$ B. $Q \div 14$
C. $Q \cdot 5$ D. $Q + 9$

4)

In	Out
26	35
13	22
66	75
30	39
60	69

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

- A. $Q \cdot 10$ B. $Q + 9$
C. $Q \div 9$ D. $Q + 7$

5)

In	Out
30	10
27	9
9	3
15	5
12	4

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

- A. $Q - 9$ B. $Q - 4$
C. $Q \div 5$ D. $Q \div 3$

6)

In	Out
51	34
81	64
22	5
28	11
90	73

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

- A. $Q - 4$ B. $Q \div 5$
C. $Q \div 4$ D. $Q - 17$

7)

In	Out
10	90
7	63
8	72
5	45
4	36

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

- A. $Q + 4$ B. $Q \cdot 6$
C. $Q - 9$ D. $Q \cdot 9$

8)

In	Out
90	10
27	3
18	2
36	4
45	5

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

- A. $Q \div 10$ B. $Q + 9$
C. $Q - 9$ D. $Q \div 9$

9)

In	Out
33	15
29	11
115	97
99	81
91	73

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

- A. $Q \div 6$ B. $Q \cdot 18$
C. $Q - 2$ D. $Q - 18$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____