



Determine which number sentence best matches the function machine.

Answers

1)

In	Out
38	51
75	88
2	15
64	77
48	61

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

- A. $Q \div 13$ B. $Q + 13$
 C. $Q \times 9$ D. $Q - 13$

2)

In	Out
58	40
112	94
97	79
41	23
99	81

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

- A. $Q - 4$ B. $Q - 10$
 C. $Q \div 10$ D. $Q - 18$

3)

In	Out
42	6
28	4
35	5
21	3
63	9

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

- A. $Q - 7$ B. $Q - 2$
 C. $Q \div 7$ D. $Q + 7$

4)

In	Out
10	70
2	14
3	21
7	49
8	56

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

- A. $Q \times 9$ B. $Q + 7$
 C. $Q \times 7$ D. $Q + 6$

5)

In	Out
10	20
6	12
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- A. $Q + 2$ B. $Q + 10$
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In	Out
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If each input is 'Q' which rule could the function machine be using?

- A. $Q - 1$ B. $Q + 1$
 C. $Q \div 6$ D. $Q \div 1$

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36	4
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If each input is 'Q' which rule could the function machine be using?

- A. $Q - 4$ B. $Q \div 8$
 C. $Q - 9$ D. $Q \div 9$

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Answers

1. **B**
2. **D**
3. **C**
4. **C**
5. **D**
6. **D**
7. **A**
8. **D**
9. **B**