Function Machine - Determining Rule

Name:

Determine which number sentence best matches the function machine.

1)

in	out
12	17
24	29
38	43
33	38
41	46

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

A. Q + 5
B. Q - 5
C. Q × 5
D. Q ÷ 5

2)

in	out
40	26
49	35
50	36
24	10
42	28

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

A. Q + 14
B. Q - 14
C. Q × 14
D. Q ÷ 14

3)

in	out
49	58
45	54
37	46
48	57
22	31

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

A. Q + 9
B. Q - 9
C. Q × 9
D. Q ÷ 9

4)

in	out
21	29
42	50
13	21
24	32
49	57

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

A. Q + 8
B. Q - 8
C. Q × 8
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5)

in	out
34	40
13	19
36	42
18	24
20	26

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

A. Q + 6
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6)

in	out
38	49
16	27
17	28
29	40
50	61

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

A. Q + 11
B. Q - 11
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7)

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37	27
21	11
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45	35

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

A. Q + 10
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If each input is 'Q' which rule could the function machine be using?

A. Q + 13
B. Q - 13
C. Q × 13
D. Q ÷ 13

Answers

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

1-9	89	78	67	56	44	33	22	11	0

Function Machine - Determining Rule Name: **Answer Key**

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55	42
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30	17
37	24

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

A. Q + 13
B. Q - 13
C. Q × 13
D. Q ÷ 13

Answers

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

1-9	89	78	67	56	44	33	22	11	0