Determine which number sentence best matches the function machine.

1)

in	out
47	33
64	50
33	19
37	23
40	26

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

2)

in	out
42	57
40	55
16	31
24	39
33	48

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

A. Q + 15 B. Q - 15
C. Q × 15 D. Q ÷ 15

3)

in	out
14	25
37	48
43	54
35	46
19	30

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

A. Q + 11 B. Q - 11
C. Q × 11 D. Q ÷ 11

4)

in	out
47	54
12	19
48	55
14	21
21	28

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

A. Q + 7 B. Q - 7
C. Q × 7 D. Q ÷ 7

5)

in	out
42	35
57	50
47	40
39	32
55	48

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

A. Q + 7 B. Q - 7
C. Q × 7 D. Q ÷ 7

6)

in	out
28	41
39	52
30	43
43	56
18	31

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

7)

in	out
27	15
29	17
44	32
46	34
30	18

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

A. Q + 12 B. Q - 12
C. Q × 12 D. Q ÷ 12

8)

in	out
47	42
17	12
40	35
19	14
45	40

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

9)

in	out
53	47
19	13
40	34
33	27
26	20

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

A. Q + 6 B. Q - 6
C. Q × 6 D. Q ÷ 6

Answers

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

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

Determine which number sentence best matches the function machine.

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C. Q × 5 D. Q ÷ 5

9)

in	out
53	47
19	13
40	34
33	27
26	20

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

A. Q + 6 B. Q - 6
C. Q × 6 D. Q ÷ 6

Answers

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

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