Determine which number sentence best matches the function machine.

1)

in	out
27	13
24	10
60	46
57	43
46	32

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
28	22
18	12
40	34
25	19
54	48

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

3)

in	out
42	53
49	60
38	49
24	35
45	56

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
27	37
23	33
31	41
14	24
37	47

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

A. Q + 10 B. Q - 10
C. Q × 10 D. Q ÷ 10

5)

in	out
25	40
36	51
10	25
38	53
15	30

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

6)

in	out
39	47
14	22
38	46
26	34
18	26

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

A. Q + 8 B. Q - 8
C. Q × 8 D. Q ÷ 8

7)

in	out
55	47
44	36
39	31
52	44
53	45

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

A. Q + 8 B. Q - 8
C. Q × 8 D. Q ÷ 8

8)

in	out
34	44
19	29
11	21
16	26
24	34

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

A. Q + 10 B. Q - 10
C. Q × 10 D. Q ÷ 10

9)

in	out
40	35
39	34
23	18
38	33
15	10

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

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.

1)

in	out
27	13
24	10
60	46
57	43
46	32

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

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6)

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38	46
26	34
18	26

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7)

in	out
55	47
44	36
39	31
52	44
53	45

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

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C. Q × 8 D. Q ÷ 8

8)

in	out
34	44
19	29
11	21
16	26
24	34

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

A. Q + 10 B. Q - 10
C. Q × 10 D. Q ÷ 10

9)

in	out
40	35
39	34
23	18
38	33
15	10

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

Answers

1. **B**
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