Determine which number sentence best matches the function machine.

1)

in	out
39	44
23	28
47	52
17	22
24	29

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
21	36
50	65
35	50
22	37
17	32

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
47	60
29	42
43	56
50	63
27	40

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

4)

in	out
47	39
50	42
20	12
51	43
52	44

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

5)

in	out
59	46
31	18
63	50
25	12
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

6)

in	out
27	12
39	24
34	19
62	47
65	50

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

7)

in	out
14	23
10	19
31	40
18	27
26	35

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

8)

in	out
51	46
48	43
33	28
24	19
54	49

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
48	55
27	34
34	41
10	17
18	25

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

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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27	12
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54	49

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C. Q × 5 D. Q ÷ 5

9)

in	out
48	55
27	34
34	41
10	17
18	25

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

Answers

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

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