Name:

Determine which number sentence best matches the function machine.

1)

in	out
32	17
48	33
43	28
61	46
56	41

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

2)

in	out
16	21
21	26
24	29
47	52
17	22

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

3)

in	out
18	27
12	21
28	37
20	29
31	40

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
37	44
10	17
17	24
42	49
35	42

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
32	25
30	23
43	36
24	17
51	44

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
40	34
52	46
17	11
51	45
19	13

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

7)

in	out
23	30
33	40
37	44
40	47
30	37

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

8)

in	out
41	32
40	31
48	39
27	18
55	46

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

9)

in	out
34	45
50	61
26	37
49	60
12	23

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

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

Math

Determine which number sentence best matches the function machine.

1)

in	out
32	17
48	33
43	28
61	46
56	41

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

2)

in	out
16	21
21	26
24	29
47	52
17	22

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

3)

in	out
18	27
12	21
28	37
20	29
31	40

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
37	44
10	17
17	24
42	49
35	42

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
32	25
30	23
43	36
24	17
51	44

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
40	34
52	46
17	11
51	45
19	13

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

7)

in	out
23	30
33	40
37	44
40	47
30	37

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

8)

in	out
41	32
40	31
48	39
27	18
55	46

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

9)

in	out
34	45
50	61
26	37
49	60
12	23

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