



Determine which number sentence best matches the function machine.

Answers

1)

in	out
30	41
17	28
24	35
37	48
11	22

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

- A. $Q + 11$
 B. $Q - 11$
 C. $Q \times 11$
 D. $Q \div 11$

2)

in	out
53	48
42	37
27	22
43	38
23	18

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

- A. $Q + 5$
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3)

in	out
51	46
37	32
32	27
46	41
25	20

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

- A. $Q + 5$
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4)

in	out
45	54
24	33
38	47
29	38
19	28

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

- A. $Q + 9$
 B. $Q - 9$
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5)

in	out
29	40
13	24
44	55
36	47
48	59

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

- A. $Q + 11$
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6)

in	out
40	55
46	61
28	43
31	46
25	40

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

- A. $Q + 15$
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7)

in	out
21	26
40	45
25	30
42	47
16	21

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

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8)

in	out
52	45
57	50
49	42
34	27
48	41

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

- A. $Q + 7$
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1. **A**
 2. **B**
 3. **B**
 4. **A**
 5. **A**
 6. **A**
 7. **A**
 8. **B**
 9. **B**