

**Determine which number sentence best matches the function machine.****Answers**

1)

in	out
41	28
39	26
62	49
50	37
56	43

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

- A. $Q + 13$ B. $Q - 13$
C. $Q \times 13$ D. $Q \div 13$

2)

in	out
40	29
41	30
51	40
61	50
60	49

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

- A. $Q + 11$ B. $Q - 11$
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3)

in	out
36	21
50	35
37	22
53	38
30	15

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

- A. $Q + 15$ B. $Q - 15$
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4)

in	out
28	38
24	34
36	46
48	58
20	30

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

- A. $Q + 10$ B. $Q - 10$
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5)

in	out
49	55
11	17
38	44
33	39
29	35

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

- A. $Q + 6$ B. $Q - 6$
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7)

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

- A. $Q + 14$ B. $Q - 14$
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If each input is 'Q' which rule could the function machine be using?

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