



Determine which number sentence best matches the function machine.

Answers

1)

in	out
33	42
27	36
20	29
16	25
32	41

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

- A. $Q + 9$ B. $Q - 9$
C. $Q \times 9$ D. $Q \div 9$

2)

in	out
18	23
40	45
47	52
24	29
25	30

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

- A. $Q + 5$ B. $Q - 5$
C. $Q \times 5$ D. $Q \div 5$

3)

in	out
48	57
10	19
38	47
44	53
31	40

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

- A. $Q + 9$ B. $Q - 9$
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4)

in	out
13	20
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14	21
25	32
28	35

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

- A. $Q + 7$ B. $Q - 7$
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5)

in	out
37	30
51	44
33	26
29	22
41	34

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6)

in	out
36	26
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53	43
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- A. $Q + 10$ B. $Q - 10$
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7)

in	out
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46	31
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If each input is 'Q' which rule could the function machine be using?

- A. $Q + 15$ B. $Q - 15$
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8)

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