

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

1)

in	out
32	22
29	19
43	33
37	27
23	13

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

- A. $Q + 10$ B. $Q - 10$
C. $Q \times 10$ D. $Q \div 10$

2)

in	out
56	42
27	13
36	22
42	28
53	39

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

- A. $Q + 14$ B. $Q - 14$
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3)

in	out
38	48
33	43
19	29
43	53
16	26

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

- A. $Q + 10$ B. $Q - 10$
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4)

in	out
30	45
13	28
15	30
38	53
20	35

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

- A. $Q + 15$ B. $Q - 15$
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5)

in	out
45	31
40	26
52	38
26	12
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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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6)

in	out
10	24
11	25
43	57
12	26
31	45

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7)

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- A. $Q + 11$ B. $Q - 11$
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8)

in	out
45	50
43	48
30	35
48	53
13	18

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

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

9)

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

- A. $Q + 6$ B. $Q - 6$
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1. _____
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If each input is 'Q' which rule could the function machine be using?

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