



Determine which number sentence best matches the function machine.

**Answers**

1)

in	out
54	41
42	29
45	32
31	18
37	24

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
36	29
50	43
31	24
41	34
22	15

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

- A.  $Q + 7$   
 B.  $Q - 7$   
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 D.  $Q \div 7$

3)

in	out
32	45
29	42
13	26
33	46
11	24

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

- A.  $Q + 13$   
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4)

in	out
58	44
38	24
33	19
31	17
61	47

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

- A.  $Q + 14$   
 B.  $Q - 14$   
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5)

in	out
23	38
36	51
10	25
34	49
22	37

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

- A.  $Q + 15$   
 B.  $Q - 15$   
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6)

in	out
51	44
52	45
45	38
33	26
37	30

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7)

in	out
16	23
33	40
46	53
29	36
31	38

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in	out
38	52
39	53
37	51
24	38
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9)

in	out
41	48
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47	54

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1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
 9. \_\_\_\_\_



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