



Determine which number sentence best matches the function machine.

**Answers**

1)

in	out
37	26
32	21
31	20
25	14
54	43

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
33	39
10	16
24	30
42	48
21	27

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

- A.  $Q + 6$   
 B.  $Q - 6$   
 C.  $Q \times 6$   
 D.  $Q \div 6$

3)

in	out
42	35
53	46
57	50
17	10
41	34

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

- A.  $Q + 7$   
 B.  $Q - 7$   
 C.  $Q \times 7$   
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4)

in	out
43	51
50	58
37	45
32	40
47	55

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

- A.  $Q + 8$   
 B.  $Q - 8$   
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5)

in	out
31	16
41	26
56	41
59	44
28	13

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
40	47
44	51
41	48
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7)

in	out
42	29
31	18
34	21
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If each input is 'Q' which rule could the function machine be using?

- A.  $Q + 13$   
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in	out
43	28
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36	21
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1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
 9. \_\_\_\_\_



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