



Determine which number sentence best matches the function machine.

Answers

1)

In	Out
18	25
79	86
66	73
45	52
80	87

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

- A.  $Q - 7$     B.  $Q + 9$   
 C.  $Q \div 7$     D.  $Q + 7$

2)

In	Out
3	21
6	42
2	14
7	49
8	56

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

- A.  $Q \div 7$     B.  $Q - 7$   
 C.  $Q \times 7$     D.  $Q \times 7$

3)

In	Out
4	32
2	16
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If each input is 'Q' which rule could the function machine be using?

- A.  $Q \times 7$     B.  $Q + 9$   
 C.  $Q \div 8$     D.  $Q \times 8$

4)

In	Out
34	35
94	95
68	69
46	47
54	55

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

- A.  $Q + 3$     B.  $Q + 1$   
 C.  $Q \times 9$     D.  $Q \div 1$

5)

In	Out
104	90
92	78
113	99
43	29
52	38

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

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In	Out
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- A.  $Q \div 4$     B.  $Q \div 8$   
 C.  $Q - 4$     D.  $Q - 3$

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

- A.  $Q \times 5$     B.  $Q \times 9$   
 C.  $Q \div 9$     D.  $Q \times 7$

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In	Out
38	57
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If each input is 'Q' which rule could the function machine be using?

- A.  $Q + 9$     B.  $Q \times 6$   
 C.  $Q \div 19$     D.  $Q + 19$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
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6. \_\_\_\_\_
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Answers

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