



Determine which number sentence best matches the function machine.

Answers

1)

In	Out
2	20
8	80
5	50
6	60
7	70

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

- A.  $Q + 10$    B.  $Q \times 6$   
 C.  $Q \times 10$    D.  $Q \times 3$

2)

In	Out
10	5
6	3
4	2
8	4
20	10

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

- A.  $Q \div 6$    B.  $Q + 2$   
 C.  $Q \div 2$    D.  $Q - 2$

3)

In	Out
37	28
98	89
82	73
16	7
99	90

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

- A.  $Q - 8$    B.  $Q - 5$   
 C.  $Q \div 5$    D.  $Q - 9$

4)

In	Out
60	59
35	34
76	75
34	33
15	14

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

- A.  $Q - 1$    B.  $Q - 7$   
 C.  $Q \div 2$    D.  $Q \times 1$

5)

In	Out
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3	30
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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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If each input is 'Q' which rule could the function machine be using?

- A.  $Q \times 3$    B.  $Q + 10$   
 C.  $Q \div 19$    D.  $Q + 19$

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1. \_\_\_\_\_
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6. \_\_\_\_\_
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Answers

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