Determining Function Machine Rule

Name:

Determine what rule the function machine is using.

1)

Input	Output
14	29
49	64
25	40
46	61
35	50

A. add 15
B. add 11
C. subtract 19
D. subtract 9

2)

Input	Output
48	60
16	28
49	61
19	31
17	29

A. subtract 28
B. subtract 38
C. add 12
D. subtract 35

3)

Input	Output
13	19
40	46
48	54
21	27
44	50

A. add 6
B. subtract 24
C. subtract 32
D. add 26

4)

Input	Output
35	40
41	46
39	44
15	20
49	54

A. add 27
B. subtract 31
C. add 5
D. add 25

5)

Input	Output
33	21
59	47
25	13
60	48
39	27

A. add 22
B. subtract 20
C. subtract 12
D. add 23

6)

Input	Output
31	39
20	28
47	55
30	38
33	41

A. add 24
B. add 8
C. subtract 28
D. subtract 29

7)

Input	Output
25	34
37	46
11	20
10	19
44	53

A. add 9
B. add 14
C. subtract 10
D. subtract 15

8)

Input	Output
19	12
49	42
22	15
28	21
45	38

A. add 6
B. subtract 10
C. add 1
D. subtract 7

9)

Input	Output
49	34
53	38
38	23
40	25
25	10

A. subtract 21
B. subtract 20
C. subtract 15
D. add 14

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

1-9	89	78	67	56	44	33	22	11	0

Determining Function Machine Rule Name: **Answer Key**

Determine what rule the function machine is using.

1)

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49	64
25	40
46	61
35	50

A. add 15
B. add 11
C. subtract 19
D. subtract 9

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Input	Output
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16	28
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Input	Output
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Input	Output
35	40
41	46
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15	20
49	54

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B. subtract 31
C. add 5
D. add 25

5)

Input	Output
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Input	Output
19	12
49	42
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A. add 6
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9)

Input	Output
49	34
53	38
38	23
40	25
25	10

A. subtract 21
B. subtract 20
C. subtract 15
D. add 14

Answers

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

1-9	89	78	67	56	44	33	22	11	0