Determining Function Machine Rule

Name:

Determine what rule the function machine is using.

1)

Input	Output
25	12
53	40
48	35
51	38
35	22

A. subtract 32
B. subtract 13
C. add 24
D. subtract 29

2)

Input	Output
36	50
33	47
38	52
34	48
25	39

A. add 14
B. add 25
C. subtract 30
D. subtract 29

3)

Input	Output
31	39
14	22
45	53
50	58
15	23

A. subtract 29
B. add 8
C. subtract 27
D. add 29

4)

Input	Output
59	48
31	20
61	50
29	18
38	27

A. subtract 1
B. add 9
C. add 5
D. subtract 11

5)

Input	Output
24	17
27	20
38	31
37	30
36	29

A. add 37
B. subtract 7
C. add 38
D. subtract 32

6)

Input	Output
38	26
34	22
59	47
45	33
29	17

A. subtract 9
B. add 16
C. add 18
D. subtract 12

7)

Input	Output
16	30
45	59
24	38
43	57
39	53

A. subtract 12
B. subtract 8
C. add 6
D. add 14

8)

Input	Output
34	43
26	35
44	53
18	27
21	30

A. add 9
B. add 23
C. add 21
D. subtract 24

9)

Input	Output
33	46
17	30
23	36
16	29
29	42

A. add 27
B. subtract 21
C. subtract 26
D. add 13

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.

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Input	Output
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Input	Output
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A. add 9
B. add 23
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9)

Input	Output
33	46
17	30
23	36
16	29
29	42

A. add 27
B. subtract 21
C. subtract 26
D. add 13

Answers

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

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