Finding Rule w/ Two Steps

Determine which rule best represents the expression the function machine used.

1)

Input (S)	4	10	6	5	9
Output	38	80	52	45	73

A. S × 10 - 10   B. S + 10

C. S × 7 + 10   D. S + 7

1. _____

2. _____

2)

Input (J)	5	10	4	9	6
Output	25	50	20	45	30

A. J × 5   B. J × 7 - 6

C. J × 6   D. J + 6

3. _____

3)

Input (N)	9	4	6	5	10
Output	24	14	18	16	26

A. N × 2 + 9   B. N × 2 - 7

C. N × 2 + 6   D. N + 6

4. _____

5. _____

4)

Input (H)	5	9	10	4	6
Output	48	88	98	38	58

A. H × 10 + 5   B. H × 10

C. H × 10 - 2   D. H × 2

6. _____

7. _____

5)

Input (R)	5	10	4	6	9
Output	30	60	24	36	54

A. R × 6   B. R × 9 - 7

C. R × 10 + 7   D. R + 7

8. _____

9. _____

6)

Input (L)	14	12	17	18	13
Output	6	4	9	10	5

A. L × 11 - 10   B. L - 8

C. L × 8 + 12   D. L × 10 + 10

10. _____

7)

Input (W)	5	4	10	9	6
Output	12	11	17	16	13

A. W × 10 - 3   B. W × 3

C. W × 7   D. W + 7

8)

Input (K)	9	4	5	6	10
Output	22	12	14	16	24

A. K × 2   B. K × 4 + 4

C. K + 4   D. K × 2 + 4

9)

Input (P)	10	9	14	15	11
Output	5	4	9	10	6

A. P + 5   B. P + 8

C. P × 5 + 7   D. P - 5

10)

Input (U)	4	10	9	6	5
Output	10	16	15	12	11

A. U + 6   B. U × 3

C. U × 6 + 2   D. U × 6 - 4

Math

1-10	90	80	70	60	50	40	30	20	10	0

Name:

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Input (S)	4	10	6	5	9
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1. **C**

2)

Input (J)	5	10	4	9	6
Output	25	50	20	45	30

A. J × 5   B. J × 7 - 6

C. J × 6   D. J + 6

2. **A**

3. **C**

3)

Input (N)	9	4	6	5	10
Output	24	14	18	16	26

A. N × 2 + 9   B. N × 2 - 7

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4. **C**

5. **A**

4)

Input (H)	5	9	10	4	6
Output	48	88	98	38	58

A. H × 10 + 5   B. H × 10

C. H × 10 - 2   D. H × 2

6. **B**

7. **D**

5)

Input (R)	5	10	4	6	9
Output	30	60	24	36	54

A. R × 6   B. R × 9 - 7

C. R × 10 + 7   D. R + 7

8. **D**

9. **D**

6)

Input (L)	14	12	17	18	13
Output	6	4	9	10	5

A. L × 11 - 10   B. L - 8

C. L × 8 + 12   D. L × 10 + 10

10. **A**

7)

Input (W)	5	4	10	9	6
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A. W × 10 - 3   B. W × 3

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Output	22	12	14	16	24

A. K × 2   B. K × 4 + 4

C. K + 4   D. K × 2 + 4

9)

Input (P)	10	9	14	15	11
Output	5	4	9	10	6

A. P + 5   B. P + 8

C. P × 5 + 7   D. P - 5

10)

Input (U)	4	10	9	6	5
Output	10	16	15	12	11

A. U + 6   B. U × 3

C. U × 6 + 2   D. U × 6 - 4

Math

1-10	90	80	70	60	50	40	30	20	10	0