Finding Rule w/ Two Steps

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

1)

Input (G)	4	8	9	5	6
Output	14	22	24	16	18

A. $G \times 2$ B. $G + 2$

C. $G \times 2 + 6$ D. $G \times 2 + 9$

2)

Input (K)	17	18	14	13	15
Output	8	9	5	4	6

A. $K \times 9$ B. $K \times 9 + 10$

C. $K + 8$ D. $K - 9$

3)

Input (Q)	8	9	6	5	4
Output	22	24	18	16	14

A. $Q \times 2 + 6$ B. $Q \times 6$

C. $Q \times 2$ D. $Q + 6$

4)

Input (W)	6	9	4	5	8
Output	9	12	7	8	11

A. $W \times 3 + 7$ B. $W \times 4$

C. $W \times 2 - 4$ D. $W + 3$

5)

Input (M)	9	6	5	4	8
Output	54	33	26	19	47

A. $M \times 9 + 9$ B. $M \times 7 - 10$

C. $M + 7$ D. $M \times 7 - 9$

6)

Input (Z)	8	4	5	9	6
Output	65	37	44	72	51

A. $Z \times 7 + 9$ B. $Z \times 7$

C. $Z \times 9 + 9$ D. $Z + 9$

7)

Input (N)	4	6	5	8	9
Output	24	36	30	48	54

A. $N \times 6 + 4$ B. $N \times 7 - 2$

C. $N \times 2$ D. $N \times 6$

8)

Input (J)	9	4	8	5	6
Output	45	15	39	21	27

A. $J \times 7 - 9$ B. $J + 6$

C. $J \times 6 - 9$ D. $J \times 9 + 9$

9)

Input (T)	5	4	9	8	6
Output	45	36	81	72	54

A. $T \times 9$ B. $T + 9$

C. $T \times 9 - 5$ D. $T \times 8 - 6$

10)

Input (L)	12	14	11	15	10
Output	6	8	5	9	4

A. $L \times 6 - 12$ B. $L \times 10 + 10$

C. $L \times 6$ D. $L - 6$

Math

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

Name:

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Output	6	8	5	9	4

A. $L \times 6 - 12$ B. $L \times 10 + 10$
C. $L \times 6$ D. $L - 6$

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

Math

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