



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

Answers

- 1)

Input (H)	7	10	4	6	9
Output	16	19	13	15	18

 A. $H \times 2$ B. $H + 9$
C. $H \times 9 - 1$ D. $H \times 11 - 2$
- 2)

Input (L)	6	10	9	7	4
Output	46	70	64	52	34

 A. $L \times 10$ B. $L \times 5 - 10$
C. $L \times 6 + 10$ D. $L + 10$
- 3)

Input (G)	9	10	7	4	6
Output	88	98	68	38	58

 A. $G \times 10 - 2$ B. $G + 10$
C. $G \times 13 + 2$ D. $G \times 11 - 2$
- 4)

Input (Q)	14	18	12	17	15
Output	6	10	4	9	7

 A. $Q \times 11 - 10$ B. $Q \times 10$
C. $Q - 8$ D. $Q \times 10 + 10$
- 5)

Input (F)	7	4	10	6	9
Output	17	14	20	16	19

 A. $F + 10$ B. $F \times 10$
C. $F + 3$ D. $F \times 10 + 5$
- 6)

Input (N)	20	17	14	19	16
Output	10	7	4	9	6

 A. $N + 2$ B. $N - 10$
C. $N + 10$ D. $N \times 10 + 4$
- 7)

Input (U)	4	6	7	10	9
Output	25	33	37	49	45

 A. $U \times 4 + 10$ B. $U + 4$
C. $U \times 9 + 9$ D. $U \times 4 + 9$
- 8)

Input (M)	10	9	4	7	6
Output	40	35	10	25	20

 A. $M + 10$ B. $M \times 10 + 10$
C. $M \times 5 - 10$ D. $M \times 6 - 10$
- 9)

Input (J)	7	9	4	6	10
Output	58	72	37	51	79

 A. $J \times 7 + 12$ B. $J \times 7 + 9$
C. $J + 9$ D. $J + 7$
- 10)

Input (P)	9	4	6	7	10
Output	63	28	42	49	70

 A. $P \times 7 - 9$ B. $P \times 7$
C. $P + 8$ D. $P \times 11 + 8$

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



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C. $P + 8$ D. $P \times 11 + 8$

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