



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

Answers

1)

Input (J)	3	2	6	9	10
Output	26	19	47	68	75

- A. $J + 5$ B. $J \times 9 - 5$
 C. $J \times 7$ D. $J \times 7 + 5$

1. _____

2)

Input (Q)	6	5	10	7	9
Output	41	35	65	47	59

- A. $Q \times 6 - 4$ B. $Q \times 6 + 5$
 C. $Q \times 10 + 5$ D. $Q + 6$

2. _____

3)

Input (Z)	7	2	4	5	6
Output	63	18	36	45	54

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

3. _____

4)

Input (W)	12	17	14	16	18
Output	2	7	4	6	8

- A. $W \times 14 + 7$ B. $W - 10$
 C. $W \times 7$ D. $W + 7$

4. _____

5)

Input (V)	8	4	2	10	7
Output	12	8	6	14	11

- A. $V \times 2$ B. $V \times 4$
 C. $V + 4$ D. $V + 2$

5. _____

6)

Input (T)	15	18	20	17	16
Output	5	8	10	7	6

- A. $T - 10$ B. $T \times 4$
 C. $T \times 10 - 5$ D. $T + 4$

6. _____

7)

Input (N)	10	4	3	5	8
Output	40	16	12	20	32

- A. $N + 4$ B. $N \times 4$
 C. $N \times 4 + 10$ D. $N \times 6 - 8$

7. _____

8)

Input (U)	8	2	10	4	3
Output	59	11	75	27	19

- A. $U + 5$ B. $U \times 5$
 C. $U \times 8 - 5$ D. $U \times 8 - 4$

8. _____

9)

Input (Y)	2	5	7	6	4
Output	4	7	9	8	6

- A. $Y + 2$ B. $Y \times 3 - 8$
 C. $Y \times 2$ D. $Y \times 2 - 11$

9. _____

10)

Input (F)	5	3	9	2	8
Output	46	26	86	16	76

- A. $F \times 10 - 3$ B. $F \times 10 + 6$
 C. $F \times 10 - 4$ D. $F \times 12 - 4$

10. _____



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Input (V)	8	4	2	10	7
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6)

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10)

Input (F)	5	3	9	2	8
Output	46	26	86	16	76

- A. $F \times 10 - 3$ B. $F \times 10 + 6$
 C. $F \times 10 - 4$ D. $F \times 12 - 4$

Answers

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