



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

Answers

1)

Input (T)	13	10	14	15	9
Output	8	5	9	10	4

A. $T \times 6 - 8$
B. $T \times 5 - 11$
C. $T - 5$
D. $T \times 5 + 7$

1. _____

2)

Input (N)	5	9	10	8	4
Output	16	36	41	31	11

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

2. _____

3)

Input (K)	4	10	9	5	8
Output	17	29	27	19	25

A. $K \times 3 - 9$
B. $K \times 2$
C. $K \times 2 + 12$
D. $K \times 2 + 9$

3. _____

4)

Input (U)	4	8	10	5	9
Output	25	41	49	29	45

A. $U + 4$
B. $U \times 4 + 9$
C. $U \times 9$
D. $U \times 4 + 11$

4. _____

5)

Input (Z)	10	5	9	8	4
Output	16	11	15	14	10

A. $Z \times 6 - 9$
B. $Z \times 7 - 8$
C. $Z + 8$
D. $Z + 6$

5. _____

6)

Input (J)	8	10	9	4	5
Output	48	60	54	24	30

A. $J \times 6$
B. $J \times 6 + 10$
C. $J + 7$
D. $J \times 6 - 6$

6. _____

7)

Input (S)	4	8	9	10	5
Output	8	12	13	14	9

A. $S + 4$
B. $S + 8$
C. $S \times 8$
D. $S \times 4$

7. _____

8)

Input (R)	4	9	10	8	5
Output	19	54	61	47	26

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

8. _____

9)

Input (L)	10	8	9	4	5
Output	90	72	81	36	45

A. $L \times 9 - 12$
B. $L \times 9$
C. $L + 10$
D. $L \times 8 - 10$

9. _____

10)

Input (P)	8	9	4	10	5
Output	21	23	13	25	15

A. $P \times 2 + 5$
B. $P \times 5$
C. $P \times 4 - 5$
D. $P + 2$

10. _____



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1. **C**

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Output	16	36	41	31	11

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

2. **A**

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Output	17	29	27	19	25

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B. $K \times 2$
C. $K \times 2 + 12$
D. $K \times 2 + 9$

3. **D**

4. **B**

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Output	25	41	49	29	45

A. $U + 4$
B. $U \times 4 + 9$
C. $U \times 9$
D. $U \times 4 + 11$

5. **D**

6. **A**

5)

Input (Z)	10	5	9	8	4
Output	16	11	15	14	10

A. $Z \times 6 - 9$
B. $Z \times 7 - 8$
C. $Z + 8$
D. $Z + 6$

7. **A**

8. **B**

6)

Input (J)	8	10	9	4	5
Output	48	60	54	24	30

A. $J \times 6$
B. $J \times 6 + 10$
C. $J + 7$
D. $J \times 6 - 6$

9. **B**

10. **A**

7)

Input (S)	4	8	9	10	5
Output	8	12	13	14	9

A. $S + 4$
B. $S + 8$
C. $S \times 8$
D. $S \times 4$

8)

Input (R)	4	9	10	8	5
Output	19	54	61	47	26

A. $R \times 7 - 11$
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