



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

Answers

1)	Input (Z)	8	3	6	9	5
	Output	56	21	42	63	35

- A. $Z + 7$ B. $Z + 9$
 C. $Z \times 10 - 9$ D. $Z \times 7$

1. _____

2)	Input (V)	9	6	8	3	5
	Output	27	21	25	15	19

- A. $V \times 5 - 9$ B. $V \times 2 + 11$
 C. $V \times 2$ D. $V \times 2 + 9$

2. _____

3)	Input (L)	6	5	9	3	8
	Output	15	13	21	9	19

- A. $L + 3$ B. $L \times 5 + 3$
 C. $L \times 2 + 3$ D. $L + 2$

3. _____

4)	Input (T)	8	6	3	9	5
	Output	41	29	11	47	23

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

4. _____

5)	Input (M)	17	18	14	15	12
	Output	8	9	5	6	3

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

5. _____

6)	Input (K)	5	8	9	6	3
	Output	30	48	54	36	18

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

6. _____

7)	Input (W)	3	6	9	5	8
	Output	5	8	11	7	10

- A. $W + 7$ B. $W \times 5 + 7$
 C. $W + 2$ D. $W \times 7$

7. _____

8)	Input (Q)	11	13	8	14	10
	Output	6	8	3	9	5

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

8. _____

9)	Input (N)	5	3	9	8	6
	Output	40	28	64	58	46

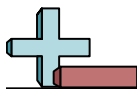
- A. $N \times 6 - 9$ B. $N \times 6 + 10$
 C. $N \times 9 - 10$ D. $N \times 10 + 10$

9. _____

10)	Input (P)	8	9	3	5	6
	Output	71	81	21	41	51

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

10. _____



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

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1)	Input (Z)	8	3	6	9	5
	Output	56	21	42	63	35

- A. $Z + 7$ B. $Z + 9$
 C. $Z \times 10 - 9$ D. $Z \times 7$

1. **D**

2)	Input (V)	9	6	8	3	5
	Output	27	21	25	15	19

- A. $V \times 5 - 9$ B. $V \times 2 + 11$
 C. $V \times 2$ D. $V \times 2 + 9$

2. **D**

3)	Input (L)	6	5	9	3	8
	Output	15	13	21	9	19

- A. $L + 3$ B. $L \times 5 + 3$
 C. $L \times 2 + 3$ D. $L + 2$

3. **C**

4)	Input (T)	8	6	3	9	5
	Output	41	29	11	47	23

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

4. **C**

5)	Input (M)	17	18	14	15	12
	Output	8	9	5	6	3

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

5. **A**

6)	Input (K)	5	8	9	6	3
	Output	30	48	54	36	18

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

6. **C**

7)	Input (W)	3	6	9	5	8
	Output	5	8	11	7	10

- A. $W + 7$ B. $W \times 5 + 7$
 C. $W + 2$ D. $W \times 7$

7. **C**

8)	Input (Q)	11	13	8	14	10
	Output	6	8	3	9	5

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

8. **A**

9)	Input (N)	5	3	9	8	6
	Output	40	28	64	58	46

- A. $N \times 6 - 9$ B. $N \times 6 + 10$
 C. $N \times 9 - 10$ D. $N \times 10 + 10$

9. **B**

10)	Input (P)	8	9	3	5	6
	Output	71	81	21	41	51

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

10. **B**