



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

Answers

1)

Input (T)	9	4	2	10	7
Output	54	19	5	61	40

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

1. _____

2)

Input (P)	4	2	10	9	7
Output	28	14	70	63	49

A. $P \times 7$

B. $P \times 7 + 7$

C. $P + 4$

D. $P + 7$

2. _____

3)

Input (H)	10	4	2	9	7
Output	102	42	22	92	72

A. $H + 10$

B. $H \times 10 - 4$

C. $H + 2$

D. $H \times 10 + 2$

3. _____

4)

Input (G)	7	2	9	10	4
Output	15	10	17	18	12

A. $G \times 8 + 4$ B. $G \times 11 - 2$
C. $G \times 8 - 1$ D. $G + 8$

4. _____

5)

Input (L)	2	10	4	9	7
Output	11	19	13	18	16

A. $L + 9$ B. $L \times 4$
C. $L \times 9 - 7$ D. $L \times 9$

5. _____

6)

Input (Q)	7	4	10	9	2
Output	73	46	100	91	28

A. $Q \times 9 + 11$

B. $Q \times 9$

C. $Q \times 9 + 10$

D. $Q \times 12 - 10$

6. _____

7)

Input (M)	14	7	12	15	9
Output	9	2	7	10	4

A. $M \times 10$

B. $M \times 10 + 10$

C. $M \times 7 - 10$

D. $M - 5$

7. _____

8)

Input (J)	2	4	10	7	9
Output	3	13	43	28	38

A. $J \times 7$

B. $J \times 5 + 9$

C. $J \times 4 - 7$

D. $J \times 5 - 7$

8. _____

9)

Input (R)	10	9	7	2	4
Output	90	81	63	18	36

A. $R + 9$

B. $R \times 11 - 2$

C. $R \times 9 - 5$

D. $R \times 9$

9. _____

10)	Input (N)	7	2	4	9	10	A. $N \times 2 + 9$	B. $N \times 3 - 9$
	Output	23	13	17	27	29	C. $N \times 7 + 9$	D. $N + 2$

10. _____



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

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1)	Input (T)	9	4	2	10	7	A. $T \times 7 - 9$	B. $T \times 9$
	Output	54	19	5	61	40	C. $T + 9$	D. $T \times 7 - 11$

1. **A**

2)	Input (P)	4	2	10	9	7	A. $P \times 7$	B. $P \times 7 + 7$
	Output	28	14	70	63	49	C. $P + 4$	D. $P + 7$

2. **A**3. **D**

3)	Input (H)	10	4	2	9	7	A. $H + 10$	B. $H \times 10 - 4$
	Output	102	42	22	92	72	C. $H + 2$	D. $H \times 10 + 2$

4. **D**5. **A**

4)	Input (G)	7	2	9	10	4	A. $G \times 8 + 4$	B. $G \times 11 - 2$
	Output	15	10	17	18	12	C. $G \times 8 - 1$	D. $G + 8$

6. **C**7. **D**8. **D**

5)	Input (L)	2	10	4	9	7	A. $L + 9$	B. $L \times 4$
	Output	11	19	13	18	16	C. $L \times 9 - 7$	D. $L \times 9$

9. **D**10. **A**

6)	Input (Q)	7	4	10	9	2	A. $Q \times 9 + 11$	B. $Q \times 9$
	Output	73	46	100	91	28	C. $Q \times 9 + 10$	D. $Q \times 12 - 10$

7)	Input (M)	14	7	12	15	9	A. $M \times 10$	B. $M \times 10 + 10$
	Output	9	2	7	10	4	C. $M \times 7 - 10$	D. $M - 5$

8)	Input (J)	2	4	10	7	9	A. $J \times 7$	B. $J \times 5 + 9$
	Output	3	13	43	28	38	C. $J \times 4 - 7$	D. $J \times 5 - 7$

9)	Input (R)	10	9	7	2	4	A. $R + 9$	B. $R \times 11 - 2$
	Output	90	81	63	18	36	C. $R \times 9 - 5$	D. $R \times 9$

10)	Input (N)	7	2	4	9	10	A. $N \times 2 + 9$	B. $N \times 3 - 9$
	Output	23	13	17	27	29	C. $N \times 7 + 9$	D. $N + 2$