



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

Answers

1)

Input (G)	8	7	3	9	4
Output	25	23	15	27	17

A. $G \times 2 + 9$ B. $G \times 9$
C. $G \times 2 + 12$ D. $G \times 2$

1. _____

2)

Input (F)	9	7	4	3	8
Output	11	9	6	5	10

A. $F \times 2 + 12$

B. $F + 2$

C. $F \times 7 + 10$

D. $F \times 2$

2. _____

3)

Input (J)	3	8	4	9	7
Output	10	20	12	22	18

A. $J + 2$

B. $J \times 2 + 7$

C. $J \times 4$

D. $J \times 2 + 4$

3. _____

4)

Input (K)	4	3	8	7	9
Output	24	18	48	42	54

A. $K \times 3$ B. $K \times 8 - 3$
C. $K \times 6$ D. $K + 3$

4. _____

5)

Input (V)	7	9	3	8	4
Output	23	27	15	25	17

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

5. _____

6)

Input (Z)	15	14	10	9	13
Output	9	8	4	3	7

A. $Z \times 9$

B. $Z - 6$

C. $Z + 6$

D. $Z \times 6$

6. _____

7)

Input (T)	3	8	4	9	7
Output	5	10	6	11	9

A. $T \times 5 - 9$

B. $T + 2$

C. $T \times 5 + 9$

D. $T \times 9$

7. _____

8)

Input (Q)	4	3	9	7	8
Output	11	6	36	26	31

A. $Q \times 9$

B. $Q \times 6 - 9$

C. $Q \times 5 - 10$

D. $Q \times 5 - 9$

8. _____

9)

Input (M)	4	3	7	9	8
Output	40	30	70	90	80

 A. $M \times 12 - 7$ B. $M \times 10$
C. $M \times 10 - 8$ D. $M + 10$

9. _____

10)	Input (H)	18	17	14	13	19	A. $H \times 9$	B. $H - 10$
	Output	8	7	4	3	9	C. $H + 9$	D. $H \times 12 - 9$

10. _____



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1. **A**

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2. **B**3. **D**

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4. **C**5. **C**

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6. **B**7. **B**8. **D**

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9. **B**10. **B**

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C. $T \times 5 + 9$	D. $T \times 9$

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