



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

Answers

1)

Input (Z)	9	5	7	2	10
Output	71	43	57	22	78

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

1. _____

2)

Input (Q)	9	5	7	2	10
Output	12	8	10	5	13

A. $Q + 4$

B. $Q \times 3 + 3$

C. $Q \times 3$

D. $Q + 3$

2. _____

3)

Input (V)	2	5	10	7	9
Output	6	27	62	41	55

A. $V \times 7 + 10$

B. $V \times 7 - 8$

C. $V \times 8$

D. $V \times 7 - 7$

3. _____

4)

Input (Y)	5	7	2	10	9
Output	22	28	13	37	34

A. $Y + 7$

B. $Y \times 3 - 6$

C. $Y \times 7$

D. $Y \times 3 + 7$

4. _____

5)

Input (M)	7	5	2	9	10
Output	34	26	14	42	46

 A. $M \times 4 + 7$ B. $M \times 4 + 6$
C. $M + 4$ D. $M \times 6$

5. _____

6)

Input (P)	7	2	9	10	5
Output	55	10	73	82	37

A. $P + 8$

B. $P \times 9$

C. $P \times 9 - 8$

D. $P \times 9 - 10$

6. _____

7)

Input (K)	2	10	7	9	5
Output	12	20	17	19	15

 A. $K + 10$ B. $K \times 13 - 4$
C. $K \times 4$ D. $K \times 13 + 4$

7. _____

8)

Input (H)	20	12	15	19	17
Output	10	2	5	9	7

A. $H \times 10 - 5$

B. $H + 10$

C. $H \times 11 - 2$

D. $H - 10$

8. _____

9)

Input (G)	7	2	10	5	9
Output	14	4	20	10	18

 A. $G \times 2 - 6$ B. $G \times 2 + 4$
C. $G \times 2$ D. $G \times 1 - 3$

9. _____

10)

Input (L)	20	12	17	15	19
Output	10	2	7	5	9

A. $L - 10$

B. $L \times 13 - 2$

C. $L + 10$

D. $L \times 10 - 5$

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C. $V \times 8$

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7. **A**8. **D**

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9. **C**10. **A**

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