



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

Answers

1)	Input (K)	3	9	5	8	7
	Output	10	46	22	40	34

- A. $K \times 6 - 8$ B. $K + 8$
 C. $K \times 8 + 8$ D. $K \times 6 + 10$

2)	Input (V)	3	8	7	9	5
	Output	31	71	63	79	47

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

3)	Input (J)	8	3	7	9	5
	Output	48	18	42	54	30

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

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

- A. $W \times 2 + 9$ B. $W \times 2 - 9$
 C. $W + 6$ D. $W + 2$

5)	Input (M)	5	9	3	7	8
	Output	34	54	24	44	49

- A. $M \times 5 - 12$ B. $M \times 8 - 9$
 C. $M \times 5 + 10$ D. $M \times 5 + 9$

6)	Input (R)	7	5	8	9	3
	Output	55	37	64	73	19

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

7)	Input (N)	17	13	19	15	18
	Output	7	3	9	5	8

- A. $N \times 10 - 5$ B. $N - 10$
 C. $N + 2$ D. $N + 10$

8)	Input (F)	14	13	12	10	8
	Output	9	8	7	5	3

- A. $F \times 5 - 6$ B. $F \times 5$
 C. $F - 5$ D. $F + 5$

9)	Input (H)	8	5	7	3	9
	Output	56	35	49	21	63

- A. $H \times 10$ B. $H \times 7 + 13$
 C. $H \times 7$ D. $H + 10$

10)	Input (Q)	5	3	7	9	8
	Output	20	16	24	28	26

- A. $Q \times 4 + 10$ B. $Q \times 2 + 10$
 C. $Q + 2$ D. $Q + 10$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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1. **A**

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2. **D**

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3. **B**

4. **D**

5. **D**

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7. **B**

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10. **B**

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