



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

Answers

1)	Input (P)	7	8	6	4	5
	Output	56	64	48	32	40

- A. $P \times 8 + 7$ B. $P \times 8 - 5$
 C. $P \times 8$ D. $P \times 10 - 6$

1. _____

2)	Input (F)	5	10	3	2	7
	Output	40	70	28	22	52

- A. $F \times 6 + 10$ B. $F \times 6$
 C. $F \times 6 + 11$ D. $F \times 10$

2. _____

3)	Input (Z)	7	10	3	8	2
	Output	63	90	27	72	18

- A. $Z \times 9$ B. $Z \times 9 + 8$
 C. $Z + 7$ D. $Z \times 11 + 7$

3. _____

4)	Input (M)	4	10	6	2	7
	Output	16	40	24	8	28

- A. $M \times 9 + 6$ B. $M \times 7 - 6$
 C. $M + 4$ D. $M \times 4$

4. _____

5)	Input (R)	5	10	3	6	9
	Output	45	90	27	54	81

- A. $R + 5$ B. $R \times 9$
 C. $R \times 5$ D. $R \times 9 + 7$

5. _____

6)	Input (Q)	2	8	3	9	5
	Output	19	49	24	54	34

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

6. _____

7)	Input (G)	5	9	2	4	6
	Output	30	54	12	24	36

- A. $G \times 9 - 8$ B. $G \times 6 - 10$
 C. $G + 8$ D. $G \times 6$

7. _____

8)	Input (V)	11	16	14	12	15
	Output	2	7	5	3	6

- A. $V + 4$ B. $V \times 4$
 C. $V - 9$ D. $V \times 12 - 4$

8. _____

9)	Input (J)	3	7	9	10	2
	Output	20	52	68	76	12

- A. $J + 4$ B. $J \times 8$
 C. $J \times 8 - 3$ D. $J \times 8 - 4$

9. _____

10)	Input (N)	7	6	8	2	3
	Output	57	48	66	12	21

- A. $N \times 9 - 6$ B. $N \times 12 - 6$
 C. $N + 6$ D. $N \times 11 + 6$

10. _____



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- A. $G \times 9 - 8$ B. $G \times 6 - 10$
 C. $G + 8$ D. $G \times 6$

8)	Input (V)	11	16	14	12	15
	Output	2	7	5	3	6

- A. $V + 4$ B. $V \times 4$
 C. $V - 9$ D. $V \times 12 - 4$

9)	Input (J)	3	7	9	10	2
	Output	20	52	68	76	12

- A. $J + 4$ B. $J \times 8$
 C. $J \times 8 - 3$ D. $J \times 8 - 4$

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	Output	57	48	66	12	21

- A. $N \times 9 - 6$ B. $N \times 12 - 6$
 C. $N + 6$ D. $N \times 11 + 6$

Answers

1. **C**
 2. **A**
 3. **A**
 4. **D**
 5. **B**
 6. **D**
 7. **D**
 8. **C**
 9. **D**
 10. **A**