

**EYLER FUNKSIYASI. EYLER TEOREMASI
FERMANING KICHIK TEOREMASI
ARALASH SA VOLLAR**

1. 7^{112} ni 11 ga bo'lganda qoldiqni toping.

A) 5 B) 1 C) 7 D) 9

2. 233^{233} sonini 5 ga bo'lgandagi qoldiqni toping.

A) 3 B) 1 C) 4 D) 2

3. 8^{10} ni 9ga bo'lganda qoldiq necha bo'ladi?

A) 1. B) 2. C) 4. D)7.

4. 9^{2012} ni 11ga bo'lganda qoldiq necha bo'ladi?

A) 2. B) 3. C) 4. D)9.

5. (Var – 2021) $9 \cdot 13^{1231}$ ni 8 ga bo'lgandagi qoldiqni toping.

A) 5 B) 3 C) 7 D) 4

6. (Var – 2021) $6 \cdot 2^{2021}$ ni 7 ga bo'lgandagi qoldiqni toping.

A) 6 B) 3 C) 4 D) 2

7. (Var – 2021) $6 \cdot 4^{2020}$ ni 5 ga bo'lgandagi qoldiqni toping.

A) 1 B) 2 C) 4 D) 3

8. (Var – 2018) 5^{200} sonini 24 ga bo'lganda, qoldiq qanday bo'ladi?

A) 1. B) 3. C) 15. D) 23.

9. (Abt 1-9) 7^{122} ni 11 ga bo'lgandagi qoldiqni toping.

A)10 B) 5 C) 4 D) 9

10. (Abt 1-9) 7777^{634} ni 5 ga bo'lganda qoldiqni toping.

A)1 B) 2 C) 3 D) 4

11. (Abt 1-9) $7^{6n+2} + 5^{18n+5}$ yig'indini 9 ga bo'lgandagi qoldiqni toping.

A) 3 B) 8 C) 5 D) 2

12. (Var – 2017) 5^{13} sonini 13 ga bo'lgandagi qoldiqni toping.

A)1 B)27 C)3 D)9

13. (Var – 2017) 3^{101} sonini 101ga bo'lgandagi qoldiqni toping.

A)1 B)27 C)3 D)9

14. (Abt 1-9) 8888888^{634} ni 5 ga bo'lganda qoldiqni toping.

A)1 B) 2 C) 3 D) 4

15. (Attestatsiya–2024) 6^{47} ni 23 ga bo'lgandagi qoldiqni toping.
A) 6 B) 1 C) 13 D) 9
16. (Attestatsiya–2024) $7^{31} + 7^{60}$ ni 13 ga bo'lgandagi qoldiqni toping.
A) 0 B) 9 C) 7 D) 1
17. (Attestatsiya–2024) $12^{1231} + 14^{4324}$ ni 13 ga bo'lgandagi qoldiqni toping.
A) 6 B) 2 C) 0 D) 1
18. (Attestatsiya–2024) $15^{60} + 20^{30}$ ni 13 ga bo'lgandagi qoldiqni toping.
A) 5 B) 7 C) 0 D) 2
19. (Attestatsiya–2024) 208^{208} ni 17 ga bo'lgandagi qoldiqni toping.
A) 0 B) 2 C) 4 D) 1
20. (Attestatsiya–2024) $5^{20} + 7^{20}$ ni 12 ga bo'lgandagi qoldiqni toping.
A) 0 B) 1 C) 2 D) 9
21. (Attestatsiya–2024) $2^{100} + 3^{100}$ ni 5 ga bo'lgandagi qoldiqni toping.
A) 6 B) 2 C) 0 D) 1
22. (Attestatsiya–2024) $7^{10} + 3^{80}$ ni 16 ga bo'lgandagi qoldiqni toping.
A) 5 B) 7 C) 1 D) 2
23. (Attestatsiya–2024) $2^{70} + 3^{70}$ ni 13 ga bo'lgandagi qoldiqni toping.
A) 6 B) 2 C) 0 D) 1
24. (Attestatsiya–2024) $1289^{545} + 1$ ni 9 ga bo'lgandagi qoldiqni toping.
A) 5 B) 6 C) 1 D) 2
25. (Attestatsiya–2024) $2^{15761} - 1$ ni 25 ga bo'lgandagi qoldiqni toping.
A) 0 B) 9 C) 4 D) 1
26. (Attestatsiya–2024) $7^{161} - 3^{80}$ ni 16 ga bo'lgandagi qoldiqni toping.
A) 6 B) 2 C) 7 D) 1
27. (Abt 1-9) $3948^6 - 1968^6$ ayirmani 5 ga bo'lgandagi qoldiq?
A) 4 B) 0 C) 2 D) 3