

3-Mavzu. Kasrlar.

1. 279 ni 16 ga bo'lganda qoldiq 7 bo'ladi. Bo'linma nechaga teng?

A) 12 B) 13 C) 17 D) 11

2. $\frac{125}{450}$ kasrni qisqarmas kasr ko'rinishiga keltiring.

A) $\frac{5}{9}$ B) $\frac{1}{12}$ C) $\frac{5}{18}$ D) $\frac{25}{90}$

3. 90 cm metrning qanday qismini tashkil qiladi?

A) $\frac{9}{10}$ B) $\frac{1}{2}$ C) $\frac{5}{9}$ D) $\frac{10}{9}$

4. $(19992\frac{1}{9} - 19990\frac{2}{5}) : 38\frac{1}{2} + 2\frac{8}{9} \cdot \frac{18}{13} = ?$

A) $6\frac{1}{15}$ B) $32\frac{7}{45}$ C) $4\frac{2}{45}$ D) 47

5. $\frac{7}{3} - \frac{3}{5} : (1 - \frac{2}{5}) = ?$

A) $\frac{4}{3}$ B) $\frac{10}{3}$ C) 2 D) $\frac{3}{2}$

6. 14 minut 1 soatning qanday qismi?

A) $\frac{5}{14}$ B) $\frac{7}{30}$ C) $\frac{30}{7}$ D) $\frac{7}{3}$

7. $4\frac{1}{2}$ ning $\frac{2}{3}$ qismini toping.

A) 3 B) $4\frac{1}{3}$ C) $3\frac{5}{6}$ D) $6\frac{3}{4}$

8. Uzunligi 6 m bo'lgan matoni har biri $\frac{2}{3}$ m dan qilib bo'laklarga bo'lsak, nechta bo'lak hosil bo'ladi?

A) 9 B) 4 C) 7 D) 6

9. Qulay usul bilan hisoblang:

$$\left(\frac{1}{2} + \frac{1}{3} + \frac{1}{4}\right) + \left(\frac{3}{4} + \frac{2}{3} + \frac{1}{2}\right) + \left(\frac{1}{5} + \frac{1}{6} + \frac{1}{7}\right) + \left(\frac{6}{7} + \frac{5}{6} + \frac{4}{5}\right)$$

A) 1 B) 4 C) 6 D) 3

10. $\frac{1}{2}; \frac{2}{5}; \frac{5}{8}$ kasrlar orasidan eng kattasini toping.

A) $\frac{5}{2}$ B) $\frac{1}{2}$ C) $\frac{2}{5}$ D) $\frac{5}{8}$

11. $4\frac{3}{7}; 7\frac{4}{17}; 6\frac{4}{10}$ kasrlar orasidan eng kattasini toping.

A) $4\frac{3}{7}$ B) $7\frac{4}{17}$ C) $6\frac{4}{10}$ D) $7\frac{3}{7}$

12. $\frac{4}{11}; \frac{4}{17}; \frac{2}{9}$ kasrlar orasidan eng kattasini toping.

A) $\frac{4}{11}$ B) $\frac{4}{17}$ C) $\frac{2}{9}$ D) barchasi

13. Hisoblang: $\frac{1}{3 \cdot 7} + \frac{1}{7 \cdot 11} + \frac{1}{11 \cdot 15} + \frac{1}{15 \cdot 19} + \frac{1}{19 \cdot 23}$

A) $\frac{4}{69}$ B) $\frac{20}{69}$ C) $\frac{3}{23}$ D) $\frac{5}{69}$

14. Hisoblang: $\frac{1}{1 \cdot 2} + \frac{1}{2 \cdot 3} + \frac{1}{3 \cdot 4} + \frac{1}{4 \cdot 5} + \dots + \frac{1}{99 \cdot 100}$

A) $\frac{4}{69}$ B) $\frac{20}{69}$ C) $\frac{3}{23}$ D) $\frac{99}{100}$

15. Hisoblang: $\left(1 + \frac{1}{4}\right) \cdot \left(1 + \frac{1}{5}\right) \cdot \left(1 + \frac{1}{6}\right) \cdot \left(1 + \frac{1}{7}\right) \cdot \left(1 + \frac{1}{8}\right) \cdot \left(1 + \frac{1}{9}\right)$

A) $\frac{3}{2}$ B) $\frac{1}{4}$ C) $\frac{5}{2}$ D) $\frac{5}{4}$

16. $\frac{5}{7}$ qismi 4 ga teng bo'lgan sonni toping.

A) $5\frac{6}{7}$ B) $5\frac{1}{5}$ C) $5\frac{2}{3}$ D) $5\frac{3}{5}$

17. x va 7 sonlarining eng katta umumiy bo'luvchisi va eng kichik umumiy karralisining ko'paytmasi 126 ga teng bo'lsa, x ni toping.

A) 18 B) 8 C) 36 D) 7

18. $\frac{2}{7}, \frac{4}{11}, \frac{6}{13}$ va $\frac{8}{19}$ sonlariga bo'linganda, bo'linma butun son chiqadigan eng kichik natural sonni toping.

A) 16 B) 12 C) 48 D) 24

19. $\frac{|4-4 \cdot |3-6|-8|}{|4-|3-8|-7|} = ?$

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

20. Hisoblang: $1\frac{1}{4} \cdot 1\frac{1}{5} \cdot 1\frac{1}{6} \cdot \dots \cdot 1\frac{1}{20}$

A) 5 B) $\frac{21}{5}$ C) $\frac{21}{4}$ D) $\frac{1}{2}$

21. Hisoblang: $\frac{3}{5} - \frac{3}{4} + \frac{1}{10}$

A) $-\frac{7}{2}$ B) $-\frac{5}{2}$ C) $-\frac{7}{4}$ D) $\frac{11}{4}$

22. Hisoblang: $-4 \cdot \left(-\frac{3}{4}\right)^2 - \left(\frac{1}{3}\right)^2$

A) $-2\frac{1}{36}$ B) $-2\frac{11}{36}$ C) $-2\frac{13}{36}$ D) $-2\frac{19}{36}$

23. Hisoblang: $\frac{2015 \cdot 777 - 222}{555 + 2014 \cdot 777}$

A) 0 B) 1 C) 2 D) 3

24. $\frac{8 \cdot 5^{24} + 3 \cdot 5^{25}}{2 \cdot 5^{25} + 13 \cdot 5^{24}}$ ni hisoblang.

A) $\frac{1}{5}$ B) 5 C) 1 D) 25

25. $\frac{(-2)^{-2} + \left(\frac{1}{2}\right)^{-4} - \left(\frac{2}{3}\right)^{-2}}{2^{-2} + 3^{-1}}$ ni hisoblang.

A) -12 B) -24 C) 12 D) 24

Kalitlar

1.	C	16.	D
2.	C	17.	A
3.	A	18.	D
4.	C	19.	A
5.	A	20.	C
6.	B	21.	A
7.	A	22.	C
8.	A	23.	B
9.	C	24.	C
10.	D	25.	D
11.	B		
12.	A		
13.	D		
14.	D		
15.	C		