**Жай бөлшектерге амалдар қолдану.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 |  | 21 |  | 41 |  |
| 2 |  | 22 |  | 42 |  |
| 3 |  | 23 |  | 43 |  |
| 4 |  | 24 |  | 44 |  |
| 5 |  | 25 |  | 45 |  |
| 6 |  | 26 |  | 46 |  |
| 7 |  | 27 |  | 47 |  |
| 8 |  | 28 |  | 48 |  |
| 9 |  | 29 |  | 49 |  |
| 10 |  | 30 |  | 50 |  |
| 11 |  | 31 |  | 51 |  |
| 12 |  | 32 |  | 52 |  |
| 13 |  | 33 |  | 53 |  |
| 14 |  | 34 |  | 54 |  |
| 15 |  | 35 |  | 55 |  |
| 16 |  | 36 |  | 56 |  |
| 17 |  | 37 |  | 57 |  |
| 18 |  | 38 |  | 58 |  |
| 19 |  | 39 |  | 59 |  |
| 20 |  | 40 |  | 60 |  |

**Ондық бөлшектерге амалдар қолдану**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | 1,6+2,4:0,4-2,4+7,2 | 14 | (0,63·10-3,8:): | 27 | 3,8:9,5+3,9:1,5- |
| 2 | 0,25·10-2,4·0,5+1,4 | 15 | 9,45:+0,2·5-0,02 | 28 | (12·0,5+0,8+50):4,6 |
| 3 | (0,98+)·(0,69-,49) | 16 | (12,42:()·0,8 | 29 | (1,5·80+50):17+5,2 |
| 4 | 2,86)( +2,17-,95) | 17 | (28-11·0,1-16,9)·0,16 | 30 | (24-15,7)·6,4+0,08·11 |
| 5 | ·6,04- | 18 | (0,98+0,27)·(0,69- 0,49) | 31 | (5,69-2,85)·1,5+7,8·5,4 |
| 6 | 16,28:4,07·(0,8:0,25)+7,2 | 19 | (3,24:0,9+2,6·5,4):1,47 | 32 | (98,6·0,1+14·0,5)·3,5 |
| 7 | 23,65·1,4-18,212:5,8+0,03 | 20 | 39,6:(3,16+2,12)+(0,934-0,81) | 33 | (103,92-5,6·4,2)·0,75-2,8 |
| 8 | 1,25·0,18+28,7:41+0,075 | 21 | (7,28:5,6·2,4-2,07)·6,4 | 34 | 32,6· + ·8,5-2,5 |
| 9 | 3,52-(2,07+9:7,5)+4,2 | 22 | 31,76:(0,75·5,2+0,07)-0,7 | 35 | ·32,8-1,12·3,5+0,5 |
| 10 | (2,88:3,2+4,75:1,25)·0,5 | 23 | 2,3+(3,8+):3+2,7 | 36 | 147-·4,8+·6,8 |
| 11 | (32,12·0,15+1,82·0,1):1,6 | 24 | 13-(6,6-2,2)·3+7,5 | 37 | 0,2·(+6,1)+0,01·3 |
| 12 | 9,396:(7-2,65)+3,05·1,2 | 25 | (3,65-):3+17·12 | 38 | (24-15,7)·6,4+0,08·11 |
| 13 | 3,82·2,15-5,75:(1,68+2,92) | 26 | (9,4+):1,875+24·0,3 | 39 | (5,69-2,85)·1,5+7,8·5,4 |

**Теңдеулерді шешу**

1. 978 - 866 + х = 995

2. х : 7 - 957 = 659

3. 678 + х : 9 = 998

4. а : 69 = 759 + 98

5. ( 4578 - х ) : 68 = 56

6. (565 + х ) : 7 = 976

7. 975 : 5 + а = 976

8. 658 + 967 - х = 765

9. х : 8 + 954 = 887

10. х : 99 = 768 + 598

11. ( х - 987 ) : 75 = 84

12. (а - 86 )\* 79 = 8769

13. 596 - х = 976 - 798

14. х : 9 = 9876 – 796

15. (9875 - х ) : 68 = 59

16. 985 : 5 + х = 876

17. х \* 5 + 875 = 9865

18. х - 5050 = 900 \* 7

19. 88967+75+ х = 556

20. 565+ х = 985 + 576

21. х : 9 = 978 - 575

22. х : 7 = 8575 : 5

23. х + 9870 : 5 = 8799

24. 77 \* 9 - х = 578

25. 5656: 8 + х = 976

26. 9500: 76 = 6987 - х

27. х - 5786 = 985 \* 7

28. х+9675 :5 = 6796

29. (7887 - х ): 66 = 98

30. х + 780 \* 8 = 9655

31) $\left(212z-199z\right)-9=30;$

32) $1050:\left(17x+8x\right)=24;$

33) $6m+m-35=21;$

34) $2\left(11x-5\right)-17x=55;$

35) $5\left(8x+3\right)-12=83;$

36) $x+\frac{7}{12}=\frac{3}{4};$

37) $x-\frac{1}{6}=\frac{1}{9};$

37) $y+\frac{2}{5}=\frac{1}{2};$

38) $\frac{2}{9}x=\frac{5}{12};$

39) $\left(1-\frac{7}{10}\right)x=2\frac{1}{4};$

40) $\left(3\frac{1}{8}+1\frac{3}{4}\right)x=2\frac{1}{6};$

41) $4\left(x-\frac{1}{2}\right)=0; $

42) $x:4=1\frac{1}{2}$;

43) $x:3\frac{7}{9}=1\frac{1}{17}.$