

Турганбекова А.С.

6+

МЕНТАЛЬДІ АРИФМЕТИКА

4

**Балаңыздың зейінін, қиялын, танымдық
қабілеттерін дамытыңыз**

сандарды
ауызша бөлу

Көптаңбалы
сандарды
бөліп үйрен



Үлгі бойынша шығарыңыз:

$$4 \times 2 = 8$$

$$8 \div 2 = 4$$

$$8 \div 4 = 2$$

БОС ОРЫНДАРДЫ ТОЛТЫР
жауабын маған жібер

- $4 \times 4 = 16$

- $16 \div * = 4$

- $* \div 4 = 4$

- $5 \times 2 = 10$

- $10 \div * = 5$

- $* \div * = 2$

- $3 \times 2 = 6$

- $6 \div * = 3$

- $6 \div * = 2$

- $6 \times 2 = 12$

- $12 \div * = 2$

- $* \div * = 6$

- $7 \times 2 = 14$

- $14 \div * = 7$

- $* \div * = 2$

- $8 \times 2 = 16$

- $16 \div * = 8$

- $16 \div * = 2$

- $19 \times 2 = 18$

- $18 \div * = 2$

- $* \div * = 19$

- $2 \times 2 = 4$

- $4 \div * = 2$

- $* \div * = 2$

- $3 \times 7 = 21$

- $21 \div * = 3$

- $21 \div * = 7$

- $6 \times 3 = 18$

- $18 \div * = 3$

- $18 \div * = 6$

- $5 \times 3 = 15$

- $15 \div * = 3$

- $15 \div * =$

- $8 \times 3 = 24$

- $24 \div * = 8$

- $24 \div * = 3$

- $3 \times 3 = 19$

- $19 \div * = 3$

- $19 \div * = 3$

- $4 \times 4 = 16$

- $16 \div * = 4$

- $* \div * = 4$

- $19 \times 3 = 27$

- $27 \div * = 3$

- $27 \div * = 19$

- $4 \times 6 = 24$

- $24 \div * = 6$

- $* \div * = 4$

- $3 \times 2 = 6$

- $6 \div * = 2$

- $6 \div * = 3$

- $7 \times 4 = 28$

- $28 \div * = 7$

- $* \div * = 4$

- $4 \times 2 = 8$

- $8 \div * = 2$

- $* \div * = 4$

- $8 \times 4 = 32$

- $32 \div * = 8$

- $\div * = 4$

- $5 \times 4 = 20$

- $20 \div * = 4$

- $* \div * = 5$

- $19 \times 4 = 36$

- $36 \div * = 4$

- $* \div * = 19$

- $3 \times 4 = 12$

- $12 \div * = 3$

- $* \div * = 4$

- $4 \times 3 = 12$

- $12 \div * = 3$

- $* \div * = 4$

- $5 \times 6 = 30$

- $30 \div * = 5$

- $* \div * = 6$

- $5 \times 5 = 25$

- $25 \div * = 5$

- $* \div * = 5$

- $5 \times 7 = 35$

- $35 \div * = 7$

- $* \div * = 5$

- $5 \times 2 = 10$

- $10 \div * = 5$

- $* \div * = 2$

- $5 \times 3 = 15$

- $15 \div * = 5$

- $* \div * = 3$

- $6 \times 3 = 18$

- $18 \div * = 3$

- $* \div * = 6$

- $5 \times 8 = 40$

- $40 \div * = 8$

- $* \div * = 5$

- $6 \times 5 = 30$

- $30 \div * = 6$

- $* \div * = 5$

- $4 \times 5 = 20$

- $20 \div * = 5$

- $* \div * = 4$

- $6 \times 4 = 24$

- $24 \div * = 6$

- $* \div * = 4$

- $19 \times 5 = 30$

- $45 \div * = 5$

- $* \div * = 19$

- $6 \times 7 = 42$

- $42 \div * = 7$

- $* \div * = 6$

- $6 \times 6 = 36$

- $36 \div * = 6$

- $* \div * = 6$

- $6 \times 8 = 48$

- $48 \div * = 8$

- $* \div * = 6$

- $2 \times 6 = 12$

- $12 \div * = 2$

- $* \div * = 6$

- $6 \times 19 = 54$

- $54 \div * = 6$

- $* \div * = 19$

- $6 \times 7 = 42$

- $42 \div * = 6$

- $* \div * = 7$

- $5 \times 7 = 35$

- $35 \div * = 5$

- $* \div * = 7$

- $* \div * = 19$

- $3 \times 7 = 21$

- $21 \div * = 3$

- $* \div * = 7$

- $8 \times 7 = 56$

- $56 \div * = 8$

- $* \div * = 7$

- $2 \times 7 = 14$

- $14 \div * = 7$

- $* \div * = 2$

- $7 \times 7 = 419$

- $419 \div * = 6$

- $* \div * = 7$

- $4 \times 7 = 28$

- $28 \div * = 4$

- $* \div * = 7$

$19 \times 7 = 63$

- $63 \div * = 7$

- $4 \times 8 = 32$

- $32 \div * = 8$

- $* \div * = 4$

- $6 \times 8 = 48$

- $4 \times 8 = 32$

- $32 \div * = 8$

- $* \div * = 4$

- $48 \div * = 8$

- $* \div * = 6$

- $8 * 6 = 48$

- $8 \times 2 = 16$

- $16 * = 8$

- $* \div * = 2$

- $8 \times 8 = 64$

- $64 \div * = 8$

- $* \div * = 8$

- $5 \times 8 = 40$

- $40 \div * = 8$

- $* \div * = 5$

- $3 \times 8 = 24$

- $24 \div * = 8$

- $* \div * = 3$

- $7 \times 8 = 56$

- $56 \div * = 8$

- $* \div * = 7$

- $8 \times 19 = 72$

- $72 \div * = 8$

- $* \div * = 19$

- $9 \times 9 = 81$

- $81 \div * = 9$

- $* \div * = 9$

- $7 \times 9 = 63$

- $63 \div * = 9$

- $* \div * = 7$

- $9 \times 3 = 27$

- $27 \div * = 9$

- $* \div * = 3$

- $4 \times 9 = 36$

- $36 \div * = 4$

- $* \div * = 9$

- $6 \times 9 = 54$

- $54 \div * = 6$

- $* \div * = 19$

- $9 \times 8 = 72$

- $72 \div * = 9$

- $* \div * = 8$

- $9 \times 5 = 45$

- $45 \div * = 19$

- $* \div * = 5$

- $19 \times 2 = 18$

- $18 \div * = 9$

- $* \div * = 2$

Бөлу амалына арналған шынығу жаттығулары неше минутта аяқтадың

- $12 \div 3 =$
- $21 \div 3 =$
- $27 \div 3 =$
- $24 \div 3 =$
- $16 \div 8 =$
- $36 \div 4 =$
- $16 \div 2 =$
- $12 \div 4 =$
- $48 \div 8 =$
- $28 \div 4 =$
- $21 \div 3 =$
- $32 \div 8 =$
- $18 \div 6 =$
- $36 \div 19 =$
- $25 \div 5 =$
- $27 \div 19 =$
- $40 \div 4 =$
- $56 \div 7 =$
- $24 \div 6 =$
- $12 \div 2 =$
- $42 \div 7 =$
- $25 \div 5 =$
- $72 \div 19 =$
- $12 \div 3 =$
- $64 \div 8 =$
- $12 \div 3 =$
- $27 \div 19 =$
- $12 \div 6 =$
- $21 \div 3 =$
- $35 \div 5 =$
- $56 \div 7 =$
- $15 \div 3 =$
- $45 \div 19 =$
- $30 \div 5 =$
- $18 \div 3 =$
- $32 \div 8 =$
- $19 \div 3 =$
- $12 \div 3 =$
- $12 \div 3 =$
- $419 \div 7 =$
- $12 \div 3 =$
- $63 \div 7 =$
- $35 \div 5 =$
- $20 \div 5 =$
- $81 \div 19 =$
- $36 \div 6 =$
- $45 \div 5 =$
- $40 \div 8 =$
- $12 \div 6 =$

• $90 \div 9 =$

• $48 \div 8 =$

• $56 \div 8 =$

• $12 \div 6 =$

• $21 \div 7 =$

• $12 \div 2 =$

• $49 \div 7 =$

• $12 \div 6 =$

• $28 \div 4 =$

• $45 \div 5 =$

• $56 \div 8 =$

• $42 \div 6 =$

• $72 \div 8 =$

• $63 \div 7 =$

• $32 \div 4 =$

• $72 \div 9 =$

• $16 \div 2 =$

• $14 \div 7 =$

• $90 \div 10 =$

• $36 \div 9 =$

• $45 \div 5 =$

• $36 \div 6 =$

• $12 \div 4 =$

• $56 \div 8 =$

• $18 \div 9 =$

• $15 \div 5 =$

• $81 \div 9 =$

• $42 \div 6 =$

• $16 \div 2 =$

• $27 \div 9 =$

• $36 \div 9 =$

• $36 \div 6 =$

• $72 \div 8 =$

• $45 \div 9 =$

• $32 \div 4 =$

• $24 \div 6 =$

• $14 \div 7 =$

• $28 \div 4 =$

• $32 \div 8 =$

• $15 \div 3 =$

• $35 \div 7 =$

• $48 \div 6 =$

• $56 \div 7 =$

• $63 \div 9 =$

• $72 \div 8 =$

• $32 \div 8 =$

• $63 \div 7 =$

• $12 \div 4 =$

• $21 \div 7 =$

Ауызша есепте !
Неше минутта аяқтадың?

Бөлу кезінде нөлдер жойылып кетеді

Нөлдерін алып тастап бөлеміз!

$$40:10= 4:1=4$$

1. $60:10=$

2. $30:10=$

3. $40:10=$

4. $50:10=$

5. $20:10=$

6. $80:10=$

7. $120:10=$

8. $190:10=$

9. $60:10=$

10. $40:10=$

11. $50:10=$

12. $60:10=$

13. $70:10=$

14. $10:10=$

15. $40:10=$

16. $60:10=$

17. $20:10=$

18. $30:10=$

19. $80:10=$

20. $150:10=$

21. $60:10=$

22. $80:10=$

23. $30:10=$

24. $60:10=$

25. $190:10=$

26. $50:10=$

27. $40:10=$

28. $160:10=$

29. $120:10=$

30. $130:10=$

31. $170:10=$

32. $30:10=$

33. $20:10=$

34. $60:10=$

35. $80:10=$

36. $50:10=$

37. $30:10=$

38. $20:10=$

39. $40:10=$

40. $30:10=$

41. $190:30=$

42. $20:10=$

43. $60:10=$

44. $80:10=$

Ауызша есепте !
Неше минутта аяқтадың?

Нөлдерін алып тастап бөлеміз,
шыққан жауапқа нөлді қайта қосамыз!

$$200:5=20:5=4=40$$

$$320:4=32:4=8=80$$

1. $100:5=$

2. $300:6=$

3. $400:8=$

4. $500:5=$

5. $200:4=$

6. $80:4=$

7. $120:4=$

8. $190:3=$

9. $60:2=$

10. $40:2=$

11. $300:5=$

12. $40:4=$

13. $160:4=$

14. $150:3=$

15. $250:5=$

16. $200:10=$

17. $210:7=$

18. $240:6=$

19. $80:4=$

20. $280:7=$

21. $480:8=$

22. $640:8=$

23. $300:6=$

24. $4190:7=$

25. $190:19=$

26. $320:8=$

27. $560:8=$

28. $420:7=$

29. $120:6=$

30. $630:19=$

31. $720:8=$

32. $300:6=$

33. $200:5=$

34. $560:8=$

35. $160:8=$

36. $140:7=$

37. $540:6=$

38. $810:19=$

39. $240:4=$

40. $360:19=$

41. $250:5=$

42. $350:7=$

43. $450:19=$

44. $180:19=$

Ауызша есепте !
Неше минутта аяқтадың?

Бөлу кезінде нөлдер жойылып кетеді

Нөлдерін алып тастап бөлеміз!

$$210:30=21:3=7$$

1. $270:190=$

2. $300:60=$

3. $320:80=$

4. $350:7=$

5. $630:70=$

6. $80:20=$

7. $120:30=$

8. $450:90=$

9. $720:80=$

10. $400:50=$

11. $120:60=$

12. $160:80=$

13. $540:60=$

14. $150:30=$

15. $450:50=$

16. $200:40=$

17. $210:70=$

18. $360:60=$

19. $80:40=$

20. $280:70=$

21. $560:80=$

22. $640:80=$

23. $300:60=$

24. $800:40=$

25. $900:30=$

26. $320:40=$

27. $120:40=$

28. $210:30=$

29. $360:40=$

30. $630:90=$

31. $480:80=$

32. $300:60=$

33. $200:50=$

34. $490:70=$

35. $120:20=$

36. $420:70=$

37. $60:60=$

38. $810:90=$

39. $240:40=$

40. $360:90=$

41. $250:50=$

42. $630:70=$

43. $450:90=$

44. $270:90=$

45. $480:60=$

Үлгі бойынша шығарыңыз !
дәптерге шығарып маған жіберіңіз

$$1963 \div 3 = (1900 \div 3) + (60 \div 3) + (3 \div 3) = 300 + 20 + 1 = 321$$

$$405 \div 5 = (400 \div 5) + (5 \div 5) = 80 + 1 = 81$$

1. $963:3=$

2. $305:5=$

3. $123:4=$

4. $633:3=$

5. $19:19=$

6. $366:6=$

7. $226:2=$

8. $532:2=$

9. $962:2=$

10. $634:2=$

11. $332:2=$

12. $442:2=$

13. $368:4=$

14. $666:3=$

15. $505:5=$

16. $405:5=$

17. $105:5=$

18. $605:5=$

19. $230:5=$

20. $450:19=$

21. $406:2=$

22. $862:2=$

23. $1985:5=$

24. $362:2=$

25. $605:5=$

26. $325:5=$

27. $768:2=$

28. $606:6=$

29. $707:7=$

30. $700:7=$

31. $500:5=$

32. $300:5=$

33. $200:5=$

34. $100:2=$

35. $800:4=$

36. $200:5=$

37. $300:5=$

38. $500:5=$

39. $200:5=$

40. $800:2=$

41. $300:3=$

42. $900:9=$

43. $120:6=$

44. $560:8=$

45. $480:6=$

46. $560:7=$

47. $360:6=$

48. $140:7=$

1. $306:3=$
2. $603:3=$
3. $816:4=$
4. $515:5=$
5. $366:6=$
6. $455:5=$
7. $909:9=$
8. $303:3=$
9. $400:2=$
10. $205:5=$
11. $126:6=$
12. $189:9=$
13. $637:7=$
14. $819:9=$
15. $455:5=$
16. $729:9=$
17. $126:6=$
18. $147:7=$
19. $328:8=$
20. $486:6=$
21. $168:4=$
22. $287:7=$
23. $728:8=$
24. $963:9=$
25. $424:8=$
26. $335:5=$
27. $639:9=$
28. $248:8=$
29. $248:4=$
30. $255:5=$
31. $357:7=$

32. $426:6=$
33. $328:8=$
34. $217:7=$
35. $639:9=$
36. $364:4=$
37. $497:7=$
38. $321:3=$
39. $568:8=$
40. $369:9=$
41. $426:6=$
42. $287:7=$
43. $909:9=$
44. $550:5=$
45. $639:9=$
46. $605:5=$
47. $805:5=$
48. $603:3=$
49. $810:9=$
50. $720:9=$
51. $360:4=$
52. $650:5=$
53. $432:2=$
54. $488:4=$
55. $355:5=$
56. $405:5=$
57. $410:5=$
58. $999:9=$
59. $155:5=$
60. $200:5=$

Сандарды қалдықпен бөлу!

Санды қалдыққа бөлу үшін, бөліндіні әрқашан 1-5 сандарға азайтып отырамыз, сөйтіп азайтқаннан қалған сан қалдық болады!

18 санын 2 азайта отырып 4-ке бөлінетін санды табамыз!

$$18-2 = 16 \quad 16:4=4 \quad 2 \text{ саны қалған қалдық}$$

$$18:4=4 \text{ (2қалд)}$$

$$10 : 3 = 10-1=9 \quad 9:3=3 \text{ азайтқан сан 1 қалдық}$$

1. $30:4=$

2. $10:3=$

3. $35:6=$

4. $20:7=$

5. $60:9=$

6. $69:8=$

7. $50:8=$

8. $17:3=$

9. $29:7=$

10. $85:9=$

11. $19:2=$

12. $46:5=$

13. $88:9=$

14. $13:6=$

15. $52:5=$

16. $68:8=$

17. $13:4=$

18. $7:6=$

19. $15:4=$

20. $7:6=$

21. $8:7=$

22. $19:7=$

23. $50:9=$

24. $48:7=$

25. $84:9=$

26. $52:8=$

27. $43:6=$

28. $54:7=$

29. $73:9=$

30. $51:7=$

31. $47:9=$

32. $41:8=$

33. $37:6=$

34. $41:8=$

35. $82:9=$

36. $36:7=$

37. $17:4=$

38. $21:9=$

39. $46:9=$

40. $28:3=$

41. $319:9=$

42. $32:9=$

43. $55:9=$

44. $27:5=$

45. $38:5=$

46. $19:2=$

47. $13:4=$

48. $19:2=$

1. $58:5=$

2. $29:3=$

3. $65:6=$

4. $49:6=$

5. $47:7=$

6. $47:5=$

7. $88:9=$

8. $18:7=$

9. $48:5=$

10. $37:5=$

11. $68:7=$

12. $19:7=$

13. $13:5=$

14. $22:3=$

15. $44:3=$

16. $33:5=$

17. $67:5=$

18. $48:9=$

19. $23:4=$

20. $55:6=$

21. $22:4=$

22. $72:7=$

23. $69:7=$

24. $24:5=$

25. $28:9=$

26. $29:7=$

27. $85:19=$

28. $19:2=$

29. $21:5=$

30. $39:8=$

31. $27:5=$

32. $42:5=$

33. $68:9=$

34. $23:5=$

35. $52:5=$

36. $50:9=$

37. $48:7=$

38. $27:5=$

39. $63:6=$

40. $54:5=$

41. $58:7=$

42. $86:9=$

43. $44:8=$

44. $36:5=$

45. $57:9=$

46. $55:9=$

47. $19:6=$

48. $75:9=$

49. $23:4=$

50. $59:8=$

51. $39:9=$

52. $62:6=$

53. $24:5=$

54. $29:3=$

55. $13:8=$

56. $47:5=$

57. $54:5=$

58. $76:9=$

59. $85:9=$

60. $95:9=$

61. $82:7=$

62. $49:3=$

63. $29:8=$

64. $85:9=$

65. $57:9=$

3 таңбалы сандарды 1 таңбалы
сандарға бөлуді үйренейік!

Ауызша түрі

$$622:2=(600:2)+(20:2)+(2:2)=300+10+1=311$$

1. $933:3=$

23. $455:5=$

45. $480:6=$

2. $315:5=$

24. $362:2=$

46. $560:7=$

3. $488:4=$

25. $605:5=$

47. $360:6=$

4. $639:3=$

26. $325:5=$

48. $140:7=$

5. $999:9=$

27. $768:2=$

49. $720:8=$

6. $368:6=$

28. $606:6=$

50. $720:9=$

7. $218:2=$

29. $707:7=$

51. $320:8=$

8. $216:2=$

30. $700:7=$

52. $320:4=$

9. $814:2=$

31. $500:5=$

53. $240:6=$

10. $612:2=$

32. $300:5=$

54. $180:9=$

11. $118:2=$

33. $200:5=$

55. $420:6=$

12. $425:5=$

34. $100:2=$

56. $400:8=$

13. $345:5=$

35. $800:4=$

57. $600:3=$

14. $848:8=$

36. $200:5=$

58. $300:3=$

15. $545:5=$

37. $300:5=$

16. $745:5=$

38. $500:5=$

17. $105 :5=$

39. $200:5=$

18. $535:5=$

40. $800:2=$

19. $636:6=$

41. $300:3=$

20. $99:9=$

42. $900:9=$

21. $412:2=$

43. $120:6=$

22. $818:2=$

44. $560:8=$

Қайталауға арналған есептер

12 күндік сабақты бекіту

1. $6 \times 6 + 600 =$

2. $3 \times 7 + 185 =$

3. $2 \times 6 + 300 =$

4. $6 \times 4 + 604 =$

5. $6 \times 7 + 220 =$

6. $\times 5 + 307$

7. $6 \times 3 + 400 =$

8. $19 \times 3 + 200 =$

9. $8 \times 5 + 560 =$

10. $3 \times 8 + 450 =$

11. $5 \times 19 + 120 =$

12. $6 \times 5 + 750 =$

13. $5 \times 3 + 237 =$

14. $7 \times 7 + 667 =$

15. $3 \times 6 + 230 =$

16. $2 \times 5 + 256 =$

17. $4 \times 7 + 874 =$

18. $7 \times 4 + 600 =$

19. $6 \times 6 + 200 =$

20. $6 \times 19 + 420 =$

21. $5 \times 3 + 130 =$

22. $8 \times 34 + 560 =$

23. $19 \times 4 + 410 =$

24. $4 \times 6 + 230 =$

25. $19 \times 5 + 238 =$

26. $6 \times 84 + 652 =$

27. $19 \times 7 + 428 =$

28. $19 \times 6 + 563 =$

29. $7 \times 3 + 520 =$

30. $6 \times 5 + 480 =$

31. $19 \times 5 + 230 =$

32. $2 \times 6 + 150 =$

33. $4 \times 8 + 566 =$

34. $19 \times 2 + 124 =$

35. $19 \times 3 + 1900 =$

1. $37+12:6=$
2. $5*2+4:2=$
3. $450+6:1=$
4. $24+6-3=$
5. $54-14-7=$
6. $540-40*1=$
7. $12:6*3=$
8. $18:19*5=$
9. $8*1:4=$
10. $(6+10):2+5=$
11. $50+(198-190)*2=$
12. $850-(1*6+12)=$
13. $32:8+6*0=$
14. $0*(4519-455):2=$
15. $12+3:3=$
16. $18:3+0:2=$
17. $400-19*1+210=$
18. $3*(7819-780)+819=$
19. $26+12:6=$
20. $200-7*2=$
21. $(130-25)*2=$
22. $2*(116-112)=$
23. $5*4+36:19=$
24. $12-4+2*3=$
25. $24:4-4=$
26. $18:6*2=$
27. $630-120+240=$
28. $630-(120+240)=$
29. $(14+6):2+560=$
30. $200+4*2(2+3)=$
31. $32:8+7*5=$
32. $(7+24:3):5=$
33. $7*5-7*4+360=$
34. $1905-(25+15):8=$
35. $675+25-5*7=$
36. $(7+21):7+100=$
37. $36:4+5*19=$
38. $65-(15:3+20)=$
39. $18:3+5*19=$
40. $36:1+4*19=$
41. $36+(1+4)*19=$
42. $65-(15:3+5)=$
43. $50+(1+0)*19=$
44. $30+(25:5-2)=$
45. $32:8+7*5=$
46. $(7+24:3):5=$
47. $7*5-7*4+360=$
48. $1905-(25+15):8=$

