LE COMPTE EST BON

jeu mathématique

RÈGLE DU JEU

Trouve le nombre demandé en utilisant les nombres proposés. Tu ne peux utiliser un nombre qu'une seule fois. Tu n'es pas obligé d'utiliser tous les nombres.

Attention, il peut y avoir plusieurs solutions pour un même problème. Par exemple, pour trouver 12 avec 1, 2, 4 et 5, on peut procéder de deux manières différentes. Les deux solutions sont correctes ! Pour chaque problème posé, à toi de trouver une solution… même si elle peut être différente de la solution qui te sera proposée lors de la correction.

12
1, 2, 4, 5
$1 + 2 = 3$ $3 \times 4 = 12$

12
1, 2, 4, 5
$1 + 5 = 6$ $6 \times 2 = 12$

Fiche 1

Opérations à utiliser : + - x

54
2, 25, 5, 3, 10, 1

60
3, 1, 7, 8, 9, 50

33
10, 7, 5, 6, 8, 100

49
7, 3, 75, 5, 10, 6

25
1, 10, 2, 8, 6, 4

22
1, 4, 3, 9, 10, 7

Fiche 1

Opérations à utiliser : + - x

54
2, 25, 5, 3, 10, 1

$2 + 25 = 27$
$5 - 3 = 2$
$27 \times 2 = 54$

60
3, 1, 7, 8, 9, 50

$3 + 1 = 4$
$7 + 8 = 15$
$4 \times 15 = 60$

33
10, 7, 5, 6, 8, 100

$10 - 7 = 3$
$5 \times 6 = 30$
$3 + 30 = 33$

49
7, 3, 75, 5, 10, 6

$7 \times 3 = 21$
$75 - 5 = 70$
$70 - 21 = 49$

25
1, 10, 2, 8, 6, 4

$10 - 1 = 9$
$2 \times 8 = 16$
$9 + 16 = 25$

22
1, 4, 3, 9, 10, 7

$1 + 4 = 5$
$3 \times 9 = 27$
$27 - 5 = 22$

Fiche 2

Opérations à utiliser : + - x

34
4, 9, 3, 5, 100, 50

10
7, 9, 2, 75, 100, 4

38
10, 9, 3, 5, 25, 8

36
1, 7, 8, 2, 25, 5

87
1, 100, 2, 7, 75, 9

81
5, 8, 50, 9, 25, 10

Fiche 2

Opérations à utiliser : + - x

34
4, 9, 3, 5, 100, 50
4 x 9 = 36
5 - 3 = 2
36 - 2 = 34

10
7, 9, 2, 75, 100, 4
7 x 9 = 63
75 - 2 = 73
73 - 63 = 10

38
10, 9, 3, 5, 25, 8
10 + 9 = 19
5 - 3 = 2
19 x 2 = 38

36
1, 7, 8, 2, 25, 5
7 - 1 = 6
8 - 2 = 6
6 x 6 = 36

87
1, 100, 2, 7, 75, 9
1 + 100 = 101
2 x 7 = 14
101 - 14 = 87

81
5, 8, 50, 9, 25, 10
5 x 8 = 40
40 - 9 = 31
50 + 31 = 81

Opérations à utiliser : + - x

19
3, 10, 7, 4, 5, 25

43
9, 4, 5, 2, 10, 75

47
10, 9, 4, 7, 8, 25

73
2, 50, 3, 7, 100, 10

37
50, 7, 10, 2, 9, 3

62
10, 5, 6, 2, 4, 25

Opérations à utiliser : + - x

19

3, 10, 7, 4, 5, 25

$3 \times 10 = 30$
$7 + 4 = 11$
$30 - 11 = 19$

43

9, 4, 5, 2, 10, 75

$9 \times 4 = 36$
$5 + 2 = 7$
$36 + 7 = 43$

47

10, 9, 4, 7, 8, 25

$10 + 9 = 19$
$4 \times 7 = 28$
$19 + 28 = 47$

73

2, 50, 3, 7, 100, 10

$2 + 50 = 52$
$3 \times 7 = 21$
$52 + 21 = 73$

37

50, 7, 10, 2, 9, 3

$50 + 7 = 57$
$10 \times 2 = 20$
$57 - 20 = 37$

62

10, 5, 6, 2, 4, 25

$10 \times 5 = 50$
$6 \times 2 = 12$
$50 + 12 = 62$

Fiche 4

Opérations à utiliser : + - x

34
50, 6, 9, 10, 3, 2

88
75, 5, 2, 4, 1, 6

22
7, 1, 3, 10, 6, 100

62
3, 7, 9, 50, 1, 5

31
7, 5, 2, 6, 9, 75

34
8, 2, 6, 3, 7, 50

Fiche 4

Opérations à utiliser : + - x

34
50, 6, 9, 10, 3, 2

$9 \times 10 = 90$
$90 - 50 = 40$
$40 - 6 = 34$

88
75, 5, 2, 4, 1, 6

$75 + 5 = 80$
$2 \times 4 = 8$
$80 + 8 = 88$

22
7, 1, 3, 10, 6, 100

$7 + 1 = 8$
$3 \times 10 = 30$
$30 - 8 = 22$

62
3, 7, 9, 50, 1, 5

$3 \times 7 = 21$
$50 - 9 = 41$
$21 + 41 = 62$

31
7, 5, 2, 6, 9, 75

$7 \times 5 = 35$
$6 - 2 = 4$
$35 - 4 = 31$

34
8, 2, 6, 3, 7, 50

$8 \times 2 = 16$
$6 \times 3 = 18$
$16 + 18 = 34$

Fiche 5

Opérations à utiliser : + - x

20
9, 7, 75, 8, 6, 1

37
7, 5, 8, 9, 2, 6

28
2, 5, 7, 25, 75, 1

62
5, 3, 6, 9, 25, 1

56
8, 10, 4, 6, 2, 100

84
9, 8, 2, 6, 10, 5

Fiche 5

Opérations à utiliser : + - x

20
9, 7, 75, 8, 6, 1

$9 \times 7 = 63$
$75 + 8 = 83$
$83 - 63 = 20$

37
7, 5, 8, 9, 2, 6

$7 \times 5 = 35$
$8 \times 9 = 72$
$72 - 35 = 37$

28
2, 5, 7, 25, 75, 1

$2 \times 5 = 10$
$25 - 7 = 18$
$10 + 18 = 28$

62
5, 3, 6, 9, 25, 1

$5 + 3 = 8$
$6 \times 9 = 54$
$8 + 54 = 62$

56
8, 10, 4, 6, 2, 100

$8 \times 10 = 80$
$4 \times 6 = 24$
$80 - 24 = 56$

84
9, 8, 2, 6, 10, 5

$9 \times 8 = 72$
$2 \times 6 = 12$
$72 + 12 = 84$

Fiche 6

Opérations à utiliser : + - x

43
10, 6, 9, 8, 5, 50

82
75, 25, 8, 4, 100, 10

53
8, 9, 6, 25, 1, 3

52
10, 50, 3, 4, 25, 100

60
8, 50, 2, 9, 100, 3

90
75, 1, 7, 2, 5, 50

Fiche 6

Opérations à utiliser : + - x

43
10, 6, 9, 8, 5, 50

$$10 \times 6 = 60$$
$$9 + 8 = 17$$
$$60 - 17 = 43$$

82
75, 25, 8, 4, 100, 10

$$75 - 25 = 50$$
$$8 \times 4 = 32$$
$$50 + 32 = 82$$

53
8, 9, 6, 25, 1, 3

$$8 \times 9 = 72$$
$$72 + 6 = 78$$
$$78 - 25 = 53$$

52
10, 50, 3, 4, 25, 100

$$50 - 10 = 40$$
$$3 \times 4 = 12$$
$$40 + 12 = 52$$

60
8, 50, 2, 9, 100, 3

$$50 - 8 = 42$$
$$2 \times 9 = 18$$
$$42 + 18 = 60$$

90
75, 1, 7, 2, 5, 50

$$75 + 1 = 76$$
$$7 \times 2 = 14$$
$$76 + 14 = 90$$

Opérations à utiliser : + - x

21
7, 10, 1, 50, 8, 9

32
3, 1, 6, 5, 75, 10

89
100, 9, 2, 10, 7, 8

34
6, 4, 2, 5, 9, 1

46
9, 10, 6, 50, 7, 100

34
8, 7, 9, 10, 75, 6

Fiche 7

Opérations à utiliser : + - x

21
7, 10, 1, 50, 8, 9

$7 \times 10 = 70$
$50 - 1 = 49$
$70 - 49 = 21$

32
3, 1, 6, 5, 75, 10

$3 - 1 = 2$
$6 \times 5 = 30$
$2 + 30 = 32$

89
100, 9, 2, 10, 7, 8

$2 \times 10 = 20$
$100 + 9 = 109$
$109 - 20 = 89$

34
6, 4, 2, 5, 9, 1

$6 \times 4 = 24$
$2 \times 5 = 10$
$24 + 10 = 34$

46
9, 10, 6, 50, 7, 100

$9 \times 10 = 90$
$50 - 6 = 44$
$90 - 44 = 46$

34
8, 7, 9, 10, 75, 6

$8 \times 7 = 56$
$9 \times 10 = 90$
$90 - 56 = 34$

Fiche 8

Opérations à utiliser : + - x

30
1, 9, 6, 3, 100, 4

54
6, 10, 7, 1, 50, 5

65
2, 4, 7, 50, 8, 75

57
5, 10, 6, 1, 25, 75

73
3, 100, 5, 6, 8, 2

72
9, 1, 3, 6, 7, 50

Fiche 8

Opérations à utiliser : + - x

30
1, 9, 6, 3, 100, 4

$6 - 3 = 3$
$1 + 9 = 10$
$3 \times 10 = 30$

54
6, 10, 7, 1, 50, 5

$6 \times 10 = 60$
$7 - 1 = 6$
$60 - 6 = 54$

65
2, 4, 7, 50, 8, 75

$2 \times 4 = 8$
$7 + 50 = 57$
$8 + 57 = 65$

57
5, 10, 6, 1, 25, 75

$5 \times 10 = 50$
$6 + 1 = 7$
$50 + 7 = 57$

73
3, 100, 5, 6, 8, 2

$5 \times 6 = 30$
$3 + 100 = 103$
$103 - 30 = 73$

72
9, 1, 3, 6, 7, 50

$9 - 1 = 8$
$3 + 6 = 9$
$8 \times 9 = 72$

Fiche 9

Opérations à utiliser : + - x

65
4, 6, 50, 9, 2, 1

22
100, 6, 9, 8, 10, 2

42
4, 6, 25, 8, 75, 100

41
8, 6, 9, 3, 4, 10

74
8, 10, 3, 2, 7, 50

80
3, 4, 100, 8, 75, 7

Fiche 9

Opérations à utiliser : + - x

65
4, 6, 50, 9, 2, 1

$4 \times 6 = 24$
$50 - 9 = 41$
$24 + 41 = 65$

22
100, 6, 9, 8, 10, 2

$100 - 6 = 94$
$9 \times 8 = 72$
$94 - 72 = 22$

42
4, 6, 25, 8, 75, 100

$6 - 4 = 2$
$2 \times 25 = 50$
$50 - 8 = 42$

41
8, 6, 9, 3, 4, 10

$8 + 6 = 14$
$9 \times 3 = 27$
$14 + 27 = 41$

74
8, 10, 3, 2, 7, 50

$8 \times 10 = 80$
$3 \times 2 = 6$
$80 - 6 = 74$

80
3, 4, 100, 8, 75, 7

$3 \times 4 = 12$
$8 + 12 = 20$
$100 - 20 = 80$

Fiche 10

Opérations à utiliser : + - x

39
8, 7, 6, 4, 9, 50

40
7, 2, 9, 6, 3, 75

78
100, 5, 9, 3, 50, 25

87
100, 3, 5, 2, 4, 10

38
9, 2, 4, 5, 25, 100

83
10, 75, 9, 2, 50, 5

Fiche 10

Opérations à utiliser : + - x

39
8, 7, 6, 4, 9, 50

$8 + 7 = 15$
$6 \times 4 = 24$
$15 + 24 = 39$

40
7, 2, 9, 6, 3, 75

$7 \times 2 = 14$
$9 \times 6 = 54$
$54 - 14 = 40$

78
100, 5, 9, 3, 50, 25

$100 + 5 = 105$
$9 \times 3 = 27$
$105 - 27 = 78$

87
100, 3, 5, 2, 4, 10

$100 - 3 = 97$
$5 \times 2 = 10$
$97 - 10 = 87$

38
9, 2, 4, 5, 25, 100

$9 \times 2 = 18$
$4 \times 5 = 20$
$18 + 20 = 38$

83
10, 75, 9, 2, 50, 5

$75 - 10 = 65$
$9 \times 2 = 18$
$65 + 18 = 83$

Fiche 11

Opérations à utiliser : + - x

19
2, 9, 5, 4, 50, 100

33
3, 7, 6, 2, 8, 5

62
4, 3, 5, 10, 2, 6

25
6, 4, 8, 9, 10, 3

92
8, 4, 6, 10, 75, 5

46
7, 3, 100, 75, 8, 50

Fiche 11

Opérations à utiliser : + - x

niveau 1

19
2, 9, 5, 4, 50, 100

$2 \times 9 = 18$
$5 - 4 = 1$
$18 + 1 = 19$

33
3, 7, 6, 2, 8, 5

$3 \times 7 = 21$
$6 \times 2 = 12$
$21 + 12 = 33$

62
4, 3, 5, 10, 2, 6

$4 \times 3 = 12$
$5 \times 10 = 50$
$12 + 50 = 62$

25
6, 4, 8, 9, 10, 3

$6 \times 4 = 24$
$9 - 8 = 1$
$24 + 1 = 25$

92
8, 4, 6, 10, 75, 5

$8 \times 4 = 32$
$6 \times 10 = 60$
$32 + 60 = 92$

46
7, 3, 100, 75, 8, 50

$7 \times 3 = 21$
$21 + 100 = 121$
$121 - 75 = 46$

Fiche 12

Opérations à utiliser : + - x

59
4, 10, 25, 6, 1, 50

74
100, 8, 6, 3, 10, 1

34
2, 8, 4, 10, 6, 75

26
2, 100, 9, 8, 5, 4

48
3, 10, 1, 6, 75, 5

57
4, 3, 75, 6, 100, 50

Fiche 12

Opérations à utiliser : + - x

59
4, 10, 25, 6, 1, 50

$4 \times 10 = 40$
$40 + 25 = 65$
$65 - 6 = 59$

74
100, 8, 6, 3, 10, 1

$100 - 8 = 92$
$6 \times 3 = 18$
$92 - 18 = 74$

34
2, 8, 4, 10, 6, 75

$8 - 2 = 6$
$4 \times 10 = 40$
$40 - 6 = 34$

26
2, 100, 9, 8, 5, 4

$100 - 2 = 98$
$9 \times 8 = 72$
$98 - 72 = 26$

48
3, 10, 1, 6, 75, 5

$10 - 3 = 7$
$7 + 1 = 8$
$6 \times 8 = 48$

57
4, 3, 75, 6, 100, 50

$4 \times 3 = 12$
$75 - 6 = 69$
$69 - 12 = 57$

Fiche 13

Opérations à utiliser : + - x

23
8, 6, 75, 4, 10, 7

33
7, 9, 3, 10, 8, 2

16
5, 6, 9, 3, 75, 2

98
1, 9, 50, 6, 25, 3

46
6, 9, 5, 3, 100, 2

29
2, 9, 3, 8, 1, 75

Fiche 13

Opérations à utiliser : + - x

23
8, 6, 75, 4, 10, 7

$8 \times 6 = 48$
$75 - 4 = 71$
$71 - 48 = 23$

33
7, 9, 3, 10, 8, 2

$7 \times 9 = 63$
$3 \times 10 = 30$
$63 - 30 = 33$

16
5, 6, 9, 3, 75, 2

$5 + 6 = 11$
$9 \times 3 = 27$
$27 - 11 = 16$

98
1, 9, 50, 6, 25, 3

$9 - 1 = 8$
$6 \times 8 = 48$
$50 + 48 = 98$

46
6, 9, 5, 3, 100, 2

$6 \times 9 = 54$
$5 + 3 = 8$
$54 - 8 = 46$

29
2, 9, 3, 8, 1, 75

$2 \times 9 = 18$
$3 + 8 = 11$
$18 + 11 = 29$

Fiche 14

Opérations à utiliser : + - x

95
75, 2, 3, 6, 4, 8

30
10, 4, 2, 8, 7, 25

20
3, 7, 6, 5, 75, 8

57
9, 7, 8, 2, 25, 3

41
2, 8, 75, 50, 5, 4

44
1, 7, 4, 9, 100, 8

Fiche 14

Opérations à utiliser : + - x

95
75, 2, 3, 6, 4, 8
$75 + 2 = 77$ $3 \times 6 = 18$ $77 + 18 = 95$

30
10, 4, 2, 8, 7, 25
$10 \times 4 = 40$ $2 + 8 = 10$ $40 - 10 = 30$

20
3, 7, 6, 5, 75, 8
$3 + 7 = 10$ $6 \times 5 = 30$ $30 - 10 = 20$

57
9, 7, 8, 2, 25, 3
$9 \times 7 = 63$ $8 - 2 = 6$ $63 - 6 = 57$

41
2, 8, 75, 50, 5, 4
$2 \times 8 = 16$ $50 - 16 = 34$ $75 - 34 = 41$

44
1, 7, 4, 9, 100, 8
$1 + 7 = 8$ $4 \times 9 = 36$ $8 + 36 = 44$

Fiche 15

Opérations à utiliser : + - x

24
10, 4, 2, 9, 50, 3

66
2, 25, 10, 6, 4, 100

99
8, 10, 50, 1, 25, 9

20
6, 8, 25, 3, 50, 75

70
50, 4, 2, 8, 75, 9

13
8, 7, 4, 3, 25, 1

Opérations à utiliser : + - x

24
10, 4, 2, 9, 50, 3
10 - 4 = 6
2 x 9 = 18
6 + 18 = 24

66
2, 25, 10, 6, 4, 100
2 x 25 = 50
10 + 6 = 16
50 + 16 = 66

99
8, 10, 50, 1, 25, 9
10 - 8 = 2
2 x 50 = 100
100 - 1 = 99

20
6, 8, 25, 3, 50, 75
6 x 8 = 48
25 + 3 = 28
48 - 28 = 20

70
50, 4, 2, 8, 75, 9
50 + 4 = 54
2 x 8 = 16
54 + 16 = 70

13
8, 7, 4, 3, 25, 1
8 - 7 = 1
4 x 3 = 12
1 + 12 = 13

Fiche 16

Opérations à utiliser : + - x

74
1, 5, 8, 10, 9, 4

22
9, 3, 7, 4, 75, 1

20
1, 10, 7, 6, 5, 8

74
10, 7, 3, 1, 2, 9

41
10, 4, 1, 2, 7, 8

32
1, 9, 4, 6, 50, 2

Fiche 16

Opérations à utiliser : + - x

74
1, 5, 8, 10, 9, 4
1 + 5 = 6
8 x 10 = 80
80 - 6 = 74

22
9, 3, 7, 4, 75, 1
9 - 3 = 6
7 x 4 = 28
28 - 6 = 22

20
1, 10, 7, 6, 5, 8
7 - 6 = 1
1 + 1 = 2
10 x 2 = 20

74
10, 7, 3, 1, 2, 9
10 x 7 = 70
3 + 1 = 4
70 + 4 = 74

41
10, 4, 1, 2, 7, 8
10 x 4 = 40
40 - 1 = 39
2 + 39 = 41

32
1, 9, 4, 6, 50, 2
9 - 1 = 8
4 x 6 = 24
8 + 24 = 32

Fiche 17

Opérations à utiliser : + - x

33
4, 9, 2, 10, 25, 3

58
9, 10, 8, 4, 6, 5

77
5, 4, 7, 50, 9, 75

41
75, 6, 4, 7, 1, 8

82
1, 75, 2, 3, 4, 6

45
6, 1, 5, 10, 2, 25

Fiche 17

Opérations à utiliser : + - x

33
4, 9, 2, 10, 25, 3
4 + 9 = 13
2 x 10 = 20
13 + 20 = 33

58
9, 10, 8, 4, 6, 5
9 x 10 = 90
8 x 4 = 32
90 - 32 = 58

77
5, 4, 7, 50, 9, 75
5 x 4 = 20
7 + 50 = 57
20 + 57 = 77

41
75, 6, 4, 7, 1, 8
75 - 6 = 69
4 x 7 = 28
69 - 28 = 41

82
1, 75, 2, 3, 4, 6
1 + 75 = 76
2 x 3 = 6
76 + 6 = 82

45
6, 1, 5, 10, 2, 25
6 - 1 = 5
5 x 10 = 50
50 - 5 = 45

Fiche 18

Opérations à utiliser : + - x

17
8, 2, 6, 5, 7, 1

44
10, 3, 2, 7, 5, 4

43
9, 2, 4, 8, 6, 10

66
5, 9, 4, 25, 10, 8

70
2, 3, 6, 8, 1, 100

30
8, 2, 5, 4, 10, 7

Fiche 18

Opérations à utiliser : + - x

17
8, 2, 6, 5, 7, 1
$8 \times 2 = 16$
$6 - 5 = 1$
$16 + 1 = 17$

44
10, 3, 2, 7, 5, 4
$10 \times 3 = 30$
$2 \times 7 = 14$
$30 + 14 = 44$

43
9, 2, 4, 8, 6, 10
$9 + 2 = 11$
$4 \times 8 = 32$
$11 + 32 = 43$

66
5, 9, 4, 25, 10, 8
$5 \times 9 = 45$
$25 - 4 = 21$
$45 + 21 = 66$

70
2, 3, 6, 8, 1, 100
$2 + 3 = 5$
$6 + 8 = 14$
$5 \times 14 = 70$

30
8, 2, 5, 4, 10, 7
$8 + 2 = 10$
$5 \times 4 = 20$
$10 + 20 = 30$

Opérations à utiliser : + - x

52
10, 8, 25, 1, 9, 100

28
4, 3, 8, 5, 2, 6

64
10, 2, 9, 75, 1, 4

32
2, 8, 7, 9, 1, 10

26
3, 25, 9, 6, 4, 75

32
4, 7, 10, 50, 6, 75

Fiche 19

Opérations à utiliser : + - x

52
10, 8, 25, 1, 9, 100

$10 - 8 = 2$
$25 + 1 = 26$
$2 \times 26 = 52$

28
4, 3, 8, 5, 2, 6

$4 \times 3 = 12$
$8 \times 5 = 40$
$40 - 12 = 28$

64
10, 2, 9, 75, 1, 4

$10 \times 2 = 20$
$75 - 20 = 55$
$9 + 55 = 64$

32
2, 8, 7, 9, 1, 10

$2 \times 8 = 16$
$7 + 9 = 16$
$16 + 16 = 32$

26
3, 25, 9, 6, 4, 75

$3 + 25 = 28$
$9 \times 6 = 54$
$54 - 28 = 26$

32
4, 7, 10, 50, 6, 75

$4 \times 7 = 28$
$10 + 50 = 60$
$60 - 28 = 32$

Fiche 20

Opérations à utiliser : + - x

37
10, 8, 7, 50, 6, 25

91
25, 100, 8, 2, 3, 4

37
10, 1, 8, 6, 9, 2

34
7, 6, 1, 75, 4, 3

77
9, 8, 10, 6, 1, 25

62
75, 3, 2, 5, 8, 4

Fiche 20

Opérations à utiliser : + - x

37
10, 8, 7, 50, 6, 25
$10 \times 8 = 80$ $80 + 7 = 87$ $87 - 50 = 37$

91
25, 100, 8, 2, 3, 4
$100 - 25 = 75$ $8 \times 2 = 16$ $75 + 16 = 91$

37
10, 1, 8, 6, 9, 2
$8 \times 6 = 48$ $10 + 1 = 11$ $48 - 11 = 37$

34
7, 6, 1, 75, 4, 3
$7 \times 6 = 42$ $42 - 1 = 41$ $75 - 41 = 34$

77
9, 8, 10, 6, 1, 25
$9 + 8 = 17$ $10 \times 6 = 60$ $17 + 60 = 77$

62
75, 3, 2, 5, 8, 4
$75 - 3 = 72$ $2 \times 5 = 10$ $72 - 10 = 62$