

## Hard brain teasers 1

You enter a number from 1 to 9 in the squares, but numbers can only be used once.

The rule about multiplication/division ahead of addition/subtraction doesn't apply!

1.  $\square + 6 \times \square - 5 \div \square + 8 \times \square - 4 \div \square = 6$

2.  $\square + 1 \times 8 - \square \div \square + \square \times 5 - 6 \div \square = 73$

3.  $\square + 6 \times \square - 8 \div \square + 9 \times 7 - \square \div \square = 12$

4.  $\square + 6 \times \square - \square \div 5 + 3 \times \square - \square \div 2 = 28$

5.  $5 + \square \times \square - 9 \div 3 + \square \times \square - 8 \div \square = 19$

6.  $\square + 1 \times \square - 9 \div \square + 3 \times \square - 6 \div \square = 39$

7.  $\square + 6 \times 9 - \square \div \square + \square \times 8 - 4 \div \square = 90$

8.  $\square + 8 \times \square - 2 \div \square + 1 \times 6 - \square \div \square = 19$

9.  $\square + 3 \times \square - \square \div 1 + 8 \times \square - \square \div 4 = 87$

10.  $2 + \square \times \square - 4 \div 1 + \square \times \square - 9 \div \square = 17$

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Results:

The rule about multiplication/division ahead of addition/subtraction doesn't apply!

1.  $3 + 6 \times 9 - 5 \div 2 + 8 \times 1 - 4 \div 7 = 6$

2.  $9 + 1 \times 8 - 4 \div 2 + 7 \times 5 - 6 \div 3 = 73$

3.  $2 + 6 \times 1 - 8 \div 4 + 9 \times 7 - 3 \div 5 = 12$

4.  $1 + 6 \times 4 - 8 \div 5 + 3 \times 9 - 7 \div 2 = 28$

5.  $5 + 2 \times 6 - 9 \div 3 + 1 \times 7 - 8 \div 4 = 19$

6.  $8 + 1 \times 5 - 9 \div 4 + 3 \times 7 - 6 \div 2 = 39$

7.  $3 + 6 \times 9 - 1 \div 5 + 7 \times 8 - 4 \div 2 = 90$

8.  $9 + 8 \times 4 - 2 \div 3 + 1 \times 6 - 5 \div 7 = 19$

9.  $6 + 3 \times 5 - 2 \div 1 + 8 \times 7 - 9 \div 4 = 87$

10.  $2 + 7 \times 3 - 4 \div 1 + 6 \times 5 - 9 \div 8 = 17$