

## Hard brain teasers 8

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.  $\square + 9 \times \square - 5 \div \square + 1 \times \square - 4 \div \square = 4$

2.  $\square + 1 \times 9 - \square \div \square + \square \times 6 - 8 \div \square = 14$

3.  $\square + 5 \times \square - 2 \div \square + 9 \times 3 - \square \div \square = 31$

4.  $\square + 3 \times \square - \square \div 2 + 8 \times \square - \square \div 4 = 32$

5.  $5 + \square \times \square - 3 \div 9 + \square \times \square - 6 \div \square = 3$

6.  $\square + 5 \times \square - 8 \div \square + 9 \times \square - 7 \div \square = 89$

7.  $\square + 2 \times 6 - \square \div \square + \square \times 3 - 4 \div \square = 7$

8.  $\square + 7 \times \square - 9 \div \square + 6 \times 2 - \square \div \square = 52$

9.  $\square + 9 \times \square - \square \div 2 + 4 \times \square - \square \div 7 = 6$

10.  $2 + \square \times \square - 7 \div 3 + \square \times \square - 6 \div \square = 2$

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Results:

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

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

2.  $2 + 1 \times 9 - 3 \div 4 + 7 \times 6 - 8 \div 5 = 14$

3.  $6 + 5 \times 7 - 2 \div 1 + 9 \times 3 - 4 \div 8 = 31$

4.  $1 + 3 \times 5 - 6 \div 2 + 8 \times 9 - 7 \div 4 = 32$

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

6.  $4 + 5 \times 6 - 8 \div 2 + 9 \times 3 - 7 \div 1 = 89$

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

8.  $8 + 7 \times 5 - 9 \div 3 + 6 \times 2 - 4 \div 1 = 52$

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

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