

Hard brain teasers 2

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

2. $\square + 8 \times 3 - \square \div \square + \square \times 7 - 2 \div \square = 58$

3. $\square + 3 \times \square - 6 \div \square + 8 \times 2 - \square \div \square = 15$

4. $\square + 2 \times \square - \square \div 1 + 5 \times \square - \square \div 8 = 31$

5. $1 + \square \times \square - 3 \div 5 + \square \times \square - 2 \div \square = 12$

6. $\square + 2 \times \square - 4 \div \square + 5 \times \square - 9 \div \square = 26$

7. $\square + 6 \times 8 - \square \div \square + \square \times 4 - 5 \div \square = 81$

8. $\square + 3 \times \square - 7 \div \square + 1 \times 8 - \square \div \square = 2$

9. $\square + 7 \times \square - \square \div 2 + 4 \times \square - \square \div 9 = 31$

10. $8 + \square \times \square - 6 \div 3 + \square \times \square - 4 \div \square = 12$

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Results:

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

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

2. $9 + 8 \times 3 - 5 \div 1 + 4 \times 7 - 2 \div 6 = 58$

3. $7 + 3 \times 4 - 6 \div 1 + 8 \times 2 - 9 \div 5 = 15$

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

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

6. $3 + 2 \times 6 - 4 \div 1 + 5 \times 7 - 9 \div 8 = 26$

7. $2 + 6 \times 8 - 9 \div 1 + 7 \times 4 - 5 \div 3 = 81$

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

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

10. $8 + 1 \times 9 - 6 \div 3 + 7 \times 2 - 4 \div 5 = 12$