

Very hard brain teasers 6

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. $\square + 7 \times \square - \square \div 1 + \square \times \square - 8 \div \square = 9$

2. $\square + 7 \times \square - \square \div 5 + \square \times 8 - \square \div \square = 37$

3. $5 + \square \times \square - \square \div 1 + \square \times \square - \square \div 7 = 35$

4. $3 + \square \times \square - 5 \div \square + 6 \times \square - \square \div \square = 12$

5. $\square + 1 \times \square - \square \div \square + 9 \times \square - \square \div 7 = 4$

6. $8 + \square \times \square - 2 \div \square + \square \times \square - 1 \div \square = 20$

7. $\square + 6 \times \square - \square \div 8 + \square \times \square - 4 \div \square = 73$

8. $\square + 6 \times \square - \square \div 2 + \square \times 7 - \square \div \square = 29$

9. $8 + \square \times \square - \square \div 7 + \square \times \square - \square \div 4 = 19$

10. $9 + \square \times \square - 7 \div \square + 4 \times \square - \square \div \square = 12$

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Results:

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

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

2. $4 + 7 \times 6 - 1 \div 5 + 2 \times 8 - 9 \div 3 = 37$

3. $5 + 2 \times 4 - 6 \div 1 + 9 \times 8 - 3 \div 7 = 35$

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

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

6. $8 + 9 \times 6 - 2 \div 5 + 7 \times 3 - 1 \div 4 = 20$

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

8. $9 + 6 \times 1 - 5 \div 2 + 8 \times 7 - 4 \div 3 = 29$

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

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