

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. $\square + 6 \times \square - 4 \div \square + 7 \times \square - 9 \div \square = 17$

2. $\square + 7 \times 8 - \square \div \square + \square \times 3 - 2 \div \square = 85$

3. $\square + 5 \times \square - 6 \div \square + 7 \times 4 - \square \div \square = 82$

4. $\square + 8 \times \square - \square \div 5 + 9 \times \square - \square \div 2 = 52$

5. $6 + \square \times \square - 9 \div 7 + \square \times \square - 1 \div \square = 5$

6. $\square + 3 \times \square - 7 \div \square + 6 \times \square - 9 \div \square = 1$

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

8. $\square + 5 \times \square - 9 \div \square + 7 \times 6 - \square \div \square = 19$

9. $\square + 7 \times \square - \square \div 1 + 9 \times \square - \square \div 5 = 24$

10. $6 + \square \times \square - 8 \div 1 + \square \times \square - 3 \div \square = 45$

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Results:

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

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

2. $6 + 7 \times 8 - 4 \div 5 + 9 \times 3 - 2 \div 1 = 85$

3. $9 + 5 \times 3 - 6 \div 1 + 7 \times 4 - 8 \div 2 = 82$

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

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

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

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

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

9. $6 + 7 \times 2 - 3 \div 1 + 9 \times 4 - 8 \div 5 = 24$

10. $6 + 2 \times 7 - 8 \div 1 + 9 \times 4 - 3 \div 5 = 45$