

Hard brain teasers 3

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

2. $\square + 4 \times 6 - \square \div \square + \square \times 3 - 9 \div \square = 21$

3. $\square + 9 \times \square - 2 \div \square + 6 \times 3 - \square \div \square = 8$

4. $\square + 9 \times \square - \square \div 1 + 7 \times \square - \square \div 6 = 20$

5. $3 + \square \times \square - 9 \div 8 + \square \times \square - 5 \div \square = 17$

6. $\square + 7 \times \square - 9 \div \square + 3 \times \square - 2 \div \square = 98$

7. $\square + 7 \times 3 - \square \div \square + \square \times 4 - 5 \div \square = 87$

8. $\square + 5 \times \square - 9 \div \square + 1 \times 7 - \square \div \square = 8$

9. $\square + 4 \times \square - \square \div 2 + 6 \times \square - \square \div 7 = 11$

10. $6 + \square \times \square - 5 \div 2 + \square \times \square - 7 \div \square = 8$

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Results:

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

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

2. $5 + 4 \times 6 - 2 \div 1 + 7 \times 3 - 9 \div 8 = 21$

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

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

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

6. $4 + 7 \times 8 - 9 \div 1 + 3 \times 6 - 2 \div 5 = 98$

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

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

9. $9 + 4 \times 1 - 5 \div 2 + 6 \times 8 - 3 \div 7 = 11$

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