

## Medium brain teasers 9

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.  $\boxed{9} + \boxed{\phantom{0}} \times \boxed{4} - \boxed{\phantom{0}} \div \boxed{2} + \boxed{\phantom{0}} \times \boxed{1} - \boxed{\phantom{0}} \div \boxed{5} = 7$

2.  $\boxed{3} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{9} \div \boxed{1} + \boxed{8} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{7} = 11$

3.  $\boxed{\phantom{0}} + \boxed{4} \times \boxed{7} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{8} \times \boxed{5} - \boxed{9} \div \boxed{\phantom{0}} = 91$

4.  $\boxed{\phantom{0}} + \boxed{6} \times \boxed{2} - \boxed{7} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{5} - \boxed{4} \div \boxed{\phantom{0}} = 4$

5.  $\boxed{6} + \boxed{3} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{1} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{2} \div \boxed{8} = 38$

6.  $\boxed{8} + \boxed{\phantom{0}} \times \boxed{4} - \boxed{\phantom{0}} \div \boxed{9} + \boxed{\phantom{0}} \times \boxed{7} - \boxed{\phantom{0}} \div \boxed{1} = 58$

7.  $\boxed{2} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{1} \div \boxed{7} + \boxed{3} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{4} = 21$

8.  $\boxed{\phantom{0}} + \boxed{5} \times \boxed{6} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{3} \times \boxed{9} - \boxed{4} \div \boxed{\phantom{0}} = 61$

9.  $\boxed{\phantom{0}} + \boxed{8} \times \boxed{4} - \boxed{2} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{6} - \boxed{5} \div \boxed{\phantom{0}} = 43$

10.  $\boxed{9} + \boxed{6} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{2} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{1} \div \boxed{7} = 25$

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Results:

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

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

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

3.  $2 + 4 \times 7 - 6 \div 3 + 8 \times 5 - 9 \div 1 = 91$

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

5.  $6 + 3 \times 4 - 7 \div 1 + 5 \times 9 - 2 \div 8 = 38$

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

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

8.  $8 + 5 \times 6 - 1 \div 7 + 3 \times 9 - 4 \div 2 = 61$

9.  $3 + 8 \times 4 - 2 \div 1 + 9 \times 6 - 5 \div 7 = 43$

10.  $9 + 6 \times 5 - 3 \div 2 + 8 \times 4 - 1 \div 7 = 25$