

## Medium brain teasers 7

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.  $\boxed{5} + \boxed{\phantom{0}} \times \boxed{7} - \boxed{\phantom{0}} \div \boxed{4} + \boxed{\phantom{0}} \times \boxed{2} - \boxed{\phantom{0}} \div \boxed{1} = 27$

2.  $\boxed{8} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{7} \div \boxed{3} + \boxed{5} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{1} = 39$

3.  $\boxed{\phantom{0}} + \boxed{9} \times \boxed{1} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{6} \times \boxed{5} - \boxed{8} \div \boxed{\phantom{0}} = 6$

4.  $\boxed{\phantom{0}} + \boxed{7} \times \boxed{5} - \boxed{9} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{3} - \boxed{4} \div \boxed{\phantom{0}} = 10$

5.  $\boxed{2} + \boxed{8} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{7} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{5} \div \boxed{1} = 31$

6.  $\boxed{4} + \boxed{\phantom{0}} \times \boxed{3} - \boxed{\phantom{0}} \div \boxed{8} + \boxed{\phantom{0}} \times \boxed{6} - \boxed{\phantom{0}} \div \boxed{1} = 46$

7.  $\boxed{9} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{7} \div \boxed{5} + \boxed{1} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{8} = 3$

8.  $\boxed{\phantom{0}} + \boxed{9} \times \boxed{8} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{7} \times \boxed{5} - \boxed{1} \div \boxed{\phantom{0}} = 93$

9.  $\boxed{\phantom{0}} + \boxed{9} \times \boxed{4} - \boxed{8} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{1} - \boxed{5} \div \boxed{\phantom{0}} = 3$

10.  $\boxed{8} + \boxed{5} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{9} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{3} \div \boxed{1} = 39$

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Results:

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

1.  $5 + 3 \times 7 - 8 \div 4 + 6 \times 2 - 9 \div 1 = 27$

2.  $8 + 6 \times 2 - 7 \div 3 + 5 \times 4 - 9 \div 1 = 39$

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

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

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

6.  $4 + 7 \times 3 - 9 \div 8 + 5 \times 6 - 2 \div 1 = 46$

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

8.  $4 + 9 \times 8 - 6 \div 2 + 7 \times 5 - 1 \div 3 = 93$

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

10.  $8 + 5 \times 4 - 7 \div 9 + 2 \times 6 - 3 \div 1 = 39$