

## Medium brain teasers 1

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.  $\boxed{4} + \boxed{\phantom{0}} \times \boxed{1} - \boxed{\phantom{0}} \div \boxed{8} + \boxed{\phantom{0}} \times \boxed{5} - \boxed{\phantom{0}} \div \boxed{2} = 22$

2.  $\boxed{4} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{7} \div \boxed{1} + \boxed{6} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{3} = 39$

3.  $\boxed{\phantom{0}} + \boxed{7} \times \boxed{5} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{3} \times \boxed{9} - \boxed{6} \div \boxed{\phantom{0}} = 15$

4.  $\boxed{\phantom{0}} + \boxed{8} \times \boxed{1} - \boxed{4} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{9} - \boxed{6} \div \boxed{\phantom{0}} = 42$

5.  $\boxed{5} + \boxed{9} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{6} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{3} \div \boxed{7} = 2$

6.  $\boxed{9} + \boxed{\phantom{0}} \times \boxed{6} - \boxed{\phantom{0}} \div \boxed{7} + \boxed{\phantom{0}} \times \boxed{2} - \boxed{\phantom{0}} \div \boxed{1} = 21$

7.  $\boxed{4} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{6} \div \boxed{2} + \boxed{7} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{3} = 17$

8.  $\boxed{\phantom{0}} + \boxed{9} \times \boxed{3} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{2} \times \boxed{7} - \boxed{1} \div \boxed{\phantom{0}} = 19$

9.  $\boxed{\phantom{0}} + \boxed{8} \times \boxed{3} - \boxed{7} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{4} - \boxed{6} \div \boxed{\phantom{0}} = 6$

10.  $\boxed{5} + \boxed{3} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{9} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{6} \div \boxed{1} = 50$

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Results:

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

1.  $4 + 7 \times 1 - 3 \div 8 + 9 \times 5 - 6 \div 2 = 22$

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

3.  $2 + 7 \times 5 - 1 \div 4 + 3 \times 9 - 6 \div 8 = 15$

4.  $5 + 8 \times 1 - 4 \div 3 + 7 \times 9 - 6 \div 2 = 42$

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

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

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

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

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

10.  $5 + 3 \times 7 - 2 \div 9 + 8 \times 4 - 6 \div 1 = 50$