

## Medium 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.  $\boxed{6} + \boxed{\phantom{0}} \times \boxed{3} - \boxed{\phantom{0}} \div \boxed{7} + \boxed{\phantom{0}} \times \boxed{9} - \boxed{\phantom{0}} \div \boxed{8} = 5$

2.  $\boxed{7} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{2} \div \boxed{3} + \boxed{4} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{8} = 28$

3.  $\boxed{\phantom{0}} + \boxed{2} \times \boxed{8} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{4} \times \boxed{3} - \boxed{6} \div \boxed{\phantom{0}} = 17$

4.  $\boxed{\phantom{0}} + \boxed{8} \times \boxed{5} - \boxed{7} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{2} - \boxed{3} \div \boxed{\phantom{0}} = 31$

5.  $\boxed{2} + \boxed{1} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{7} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{4} \div \boxed{3} = 20$

6.  $\boxed{9} + \boxed{\phantom{0}} \times \boxed{6} - \boxed{\phantom{0}} \div \boxed{8} + \boxed{\phantom{0}} \times \boxed{2} - \boxed{\phantom{0}} \div \boxed{3} = 11$

7.  $\boxed{8} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{7} \div \boxed{4} + \boxed{1} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{2} = 57$

8.  $\boxed{\phantom{0}} + \boxed{4} \times \boxed{9} - \boxed{\phantom{0}} \div \boxed{\phantom{0}} + \boxed{3} \times \boxed{5} - \boxed{7} \div \boxed{\phantom{0}} = 38$

9.  $\boxed{\phantom{0}} + \boxed{4} \times \boxed{3} - \boxed{2} \div \boxed{\phantom{0}} + \boxed{\phantom{0}} \times \boxed{9} - \boxed{7} \div \boxed{\phantom{0}} = 34$

10.  $\boxed{9} + \boxed{2} \times \boxed{\phantom{0}} - \boxed{\phantom{0}} \div \boxed{3} + \boxed{\phantom{0}} \times \boxed{\phantom{0}} - \boxed{6} \div \boxed{8} = 15$

## Medium brain teasers 3

Results:

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

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

2.  $7 + 6 \times 5 - 2 \div 3 + 4 \times 9 - 1 \div 8 = 28$

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

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

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

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

7.  $8 + 3 \times 9 - 7 \div 4 + 1 \times 5 - 6 \div 2 = 57$

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

9.  $5 + 4 \times 3 - 2 \div 1 + 6 \times 9 - 7 \div 8 = 34$

10.  $9 + 2 \times 5 - 4 \div 3 + 1 \times 7 - 6 \div 8 = 15$