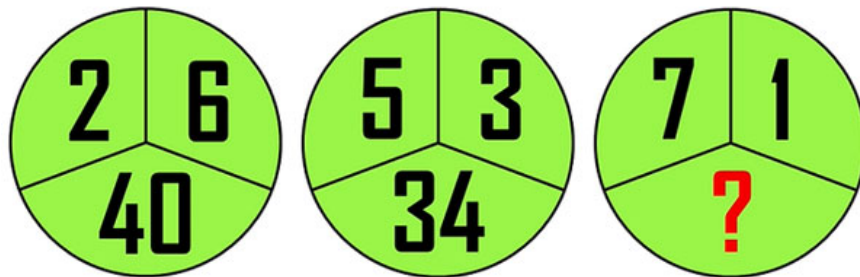


4 difficult puzzles to challenge your deduction

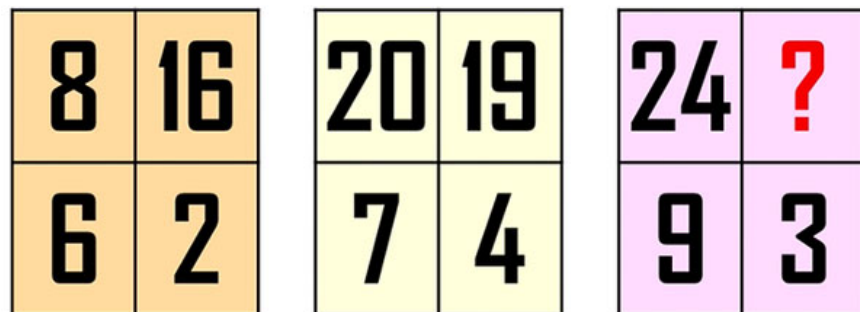
Here are 4 challenging reasoning puzzles and brain exercise help, invite you to join.

Here are 4 challenging reasoning and brain exercise puzzles, invite you to join the puzzle. You find the rule and calculation to find the missing number in the question mark of the following 4 puzzles within 1 minute.

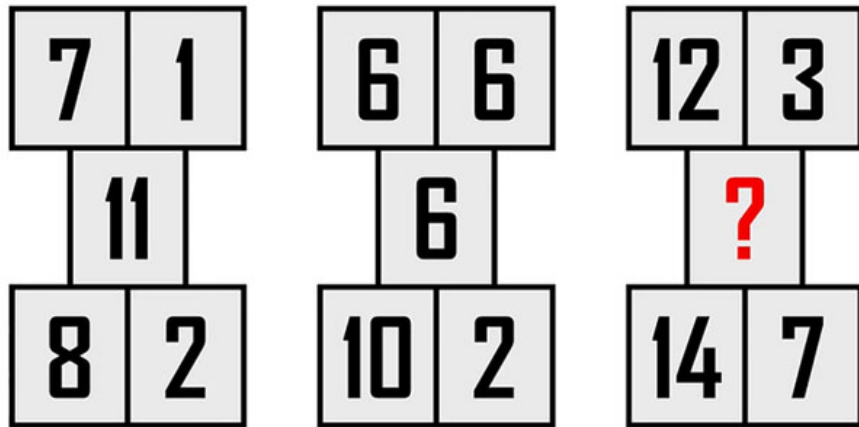
Question 1:



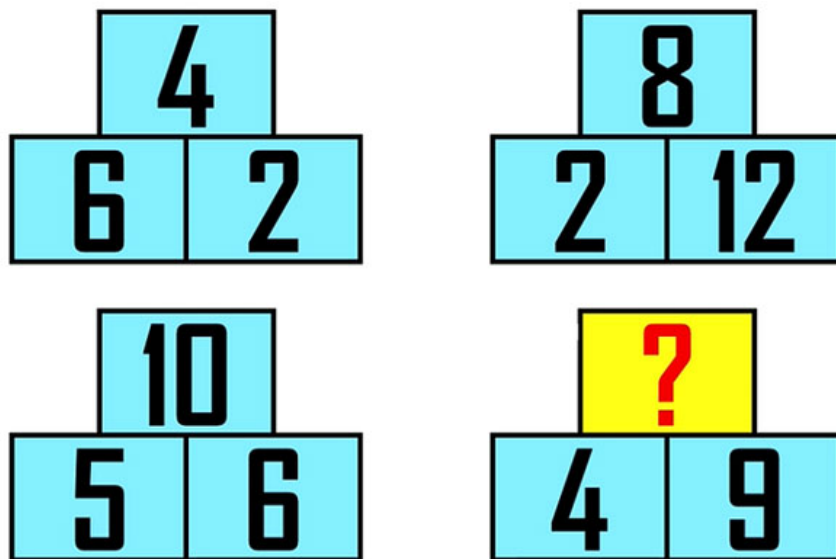
Question 2:



Question 3:



Question 4:



How long did it take you to find out the answers of the above 4 puzzles? Let's compare your answer and the answer below to see how many correct answers you got.

Answer:

Question 1:

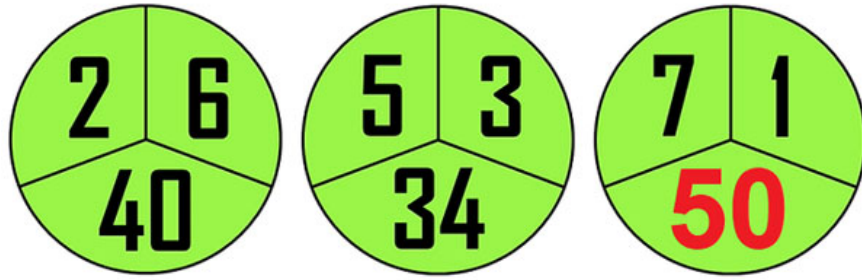
Number to fill is 50.

In each circle, the sum of the squares of the two numbers above equals the number below. We have:

$$2^2 + 6^2 = 40.$$

$$5^2 + 3^2 = 34.$$

$$7^2 + 1^2 = 50.$$



Question 2:

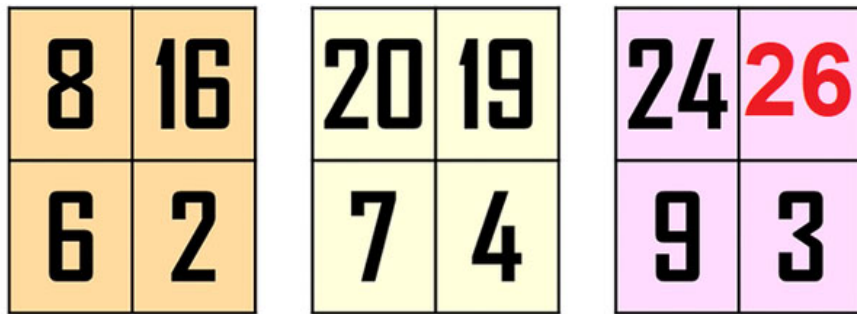
Number to fill is 26.

The top left number divides the lower right number, how many times the number on the bottom left is the number on the top right. We have:

8: $2 + 6 \times 2 = 16$.

20: $4 + 7 \times 2 = 19$.

24: $3 + 9 \times 2 = 26$.



Question 3:

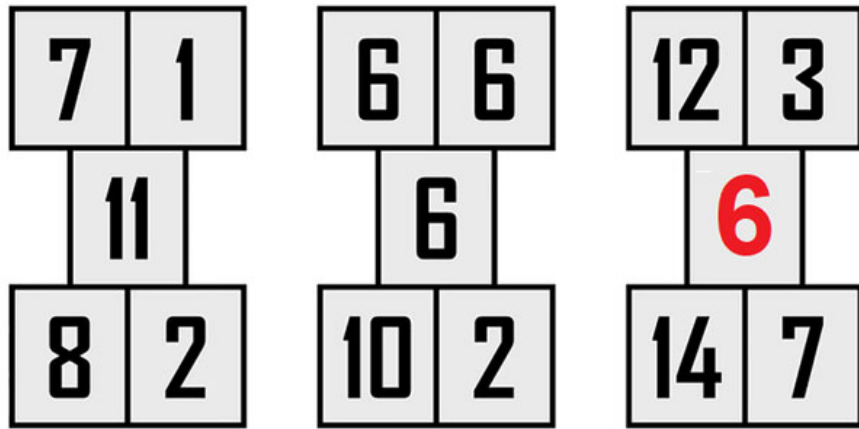
Number to fill is 6.

In each picture, the number on the left side divided by the number on the right plus the number in the bottom left divided by the number on the right will produce the number in the middle. We have:

7: $1 + 8 : 2 = 11$.

6: $6 + 10 : 2 = 6$.

12: $3 + 14 : 7 = 6$.



Question 4:

Number to fill is 12.

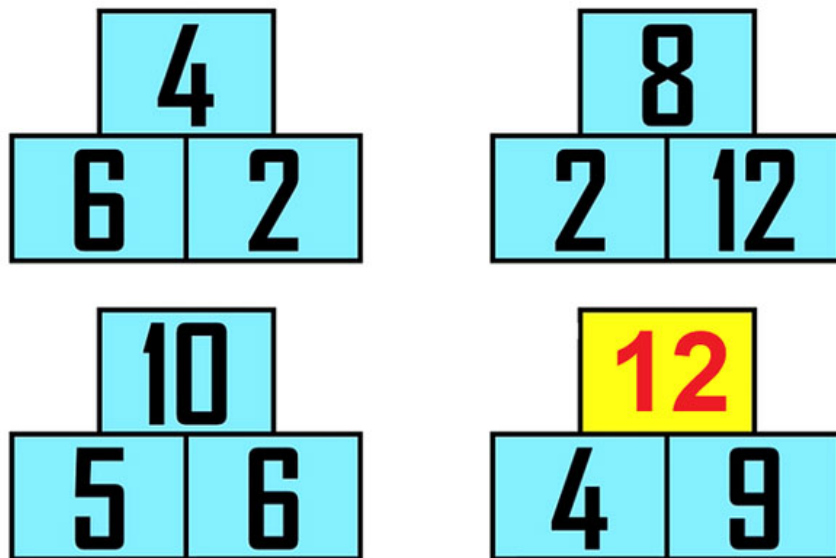
In each picture, the product of the two numbers below divides the number above to get 3. We have:

$6 \times 2: 4 = 3.$

$2 \times 12: 8 = 3.$

$5 \times 6: 10 = 3.$

$4 \times 9: 12 = 3.$



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