

puzzle 1

Which option is needed to complete this pattern ?

The puzzle consists of a 3x3 grid of 3x3 dot patterns. Each dot is either black or white.

- Row 1: (1,1) Black, (1,2) Black, (1,3) Black; (2,1) White, (2,2) White, (2,3) White; (3,1) White, (3,2) White, (3,3) White.
- Row 2: (1,1) Black, (1,2) Black, (1,3) White; (2,1) White, (2,2) White, (2,3) White; (3,1) Black, (3,2) Black, (3,3) White.
- Row 3: (1,1) White, (1,2) Black, (1,3) White; (2,1) Black, (2,2) Black, (2,3) Black; (3,1) White, (3,2) White, (3,3) Black.

Options:

- A: (1,1) White, (1,2) Black, (1,3) Black; (2,1) Black, (2,2) Black, (2,3) Black; (3,1) Black, (3,2) Black, (3,3) Black.
- B: (1,1) Black, (1,2) Black, (1,3) Black; (2,1) Black, (2,2) Black, (2,3) Black; (3,1) Black, (3,2) Black, (3,3) Black.
- C: (1,1) Black, (1,2) White, (1,3) Black; (2,1) Black, (2,2) Black, (2,3) Black; (3,1) Black, (3,2) White, (3,3) Black.

puzzle 2

Which number completes this sequence ?

The sequence is: 2, 4, 8, 16, 20, ?, 44.

puzzle 3

What is the missing number in the shape pattern ?

The shape pattern consists of a central circle with a smaller inner circle containing the number 6. Six lines radiate from the center to six outer circles containing numbers: 4, 8, ?, 12, 2, 10.

puzzle 4

What is the missing number in this pattern ?

The pattern is a triangular arrangement of numbers in circles:

- Row 1: 9
- Row 2: 5, 4
- Row 3: 2, ?
- Row 4: 5, 3, 7, 12

Answer to brain teasers

puzzle 1 : A

Each next shape has +1 shaded dot in each row.

puzzle 2 : 40

The sequence follows a $\times 2 + 4$ pattern.

puzzle 3 : 14

14 is the missing multiple of 2 in this sequence.

puzzle 4 : 5

The corner numbers are the sum of its 2 adjacent numbers.