

NATA 2021 Phase 1 Memory-Questions PDF 2



Question on 4 car companies logos to pick the odd one out – Options - Mercedes, Volkswagen, Porsche and Volvo	Percentage of rainfall received from southwest monsoon – Options - 22%, 50%, 70%, 86%
Question on 4 companies starting with M and Pick up Add One – Options - Mcdonald, Motorola, M&M	John mom had four sons named Apr, May and March, what is the fourth son name

QUESTION DETAIL

A Man travelled a distance of 61 km in 9 hours. He travelled partly on foot at 4 km/hr and partly on bicycle at 9 km/hr. What is the distance travelled on foot?

- A. 16 km
- B. 14 km
- C. 12 km
- D. 10 km

Answer: Option A

Explanation:

Let the time in which he travelled on foot = x hour

Time for travelling on bicycle = (9 - x) hr

Distance = Speed * Time, and Total distance = 61 km

So,

$$4x + 9(9-x) = 61$$

$$\Rightarrow 5x = 20$$

$$\Rightarrow x = 4$$

So distance traveled on foot = $4(4) = 16$ km

 WHAT AM I?

Turn me on my side and I am everything. Cut me in half and I am nothing. What am I?

THE NUMBER 8. ON ITS SIDE, IT LOOKS LIKE THE SYMBOL FOR INFINITY AND WHEN YOU CUT IT IN HALF, IT LOOKS LIKE TWO ZEROES.

Reveal Answer



0



In polygon ABCDE,

Number of Sides = 5

$$\begin{aligned}\text{Sum of the angles} &= (5 - 2) \times 180^\circ \\ &= 3 \times 180^\circ \\ &= 540^\circ\end{aligned}$$

Thus,

$$\angle A + \angle B + \angle C + \angle D + \angle E = 540^\circ$$

$$30^\circ + x + 110^\circ + 120^\circ + x = 540^\circ$$

$$2x + 260^\circ = 540^\circ$$

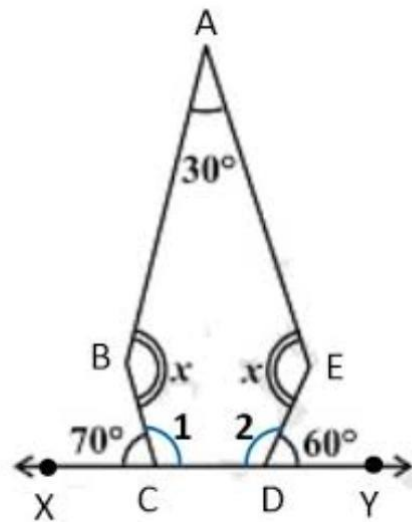
$$2x = 540^\circ - 260^\circ$$

$$2x = 280^\circ$$

$$x = \frac{280}{2} = \mathbf{140^\circ}$$

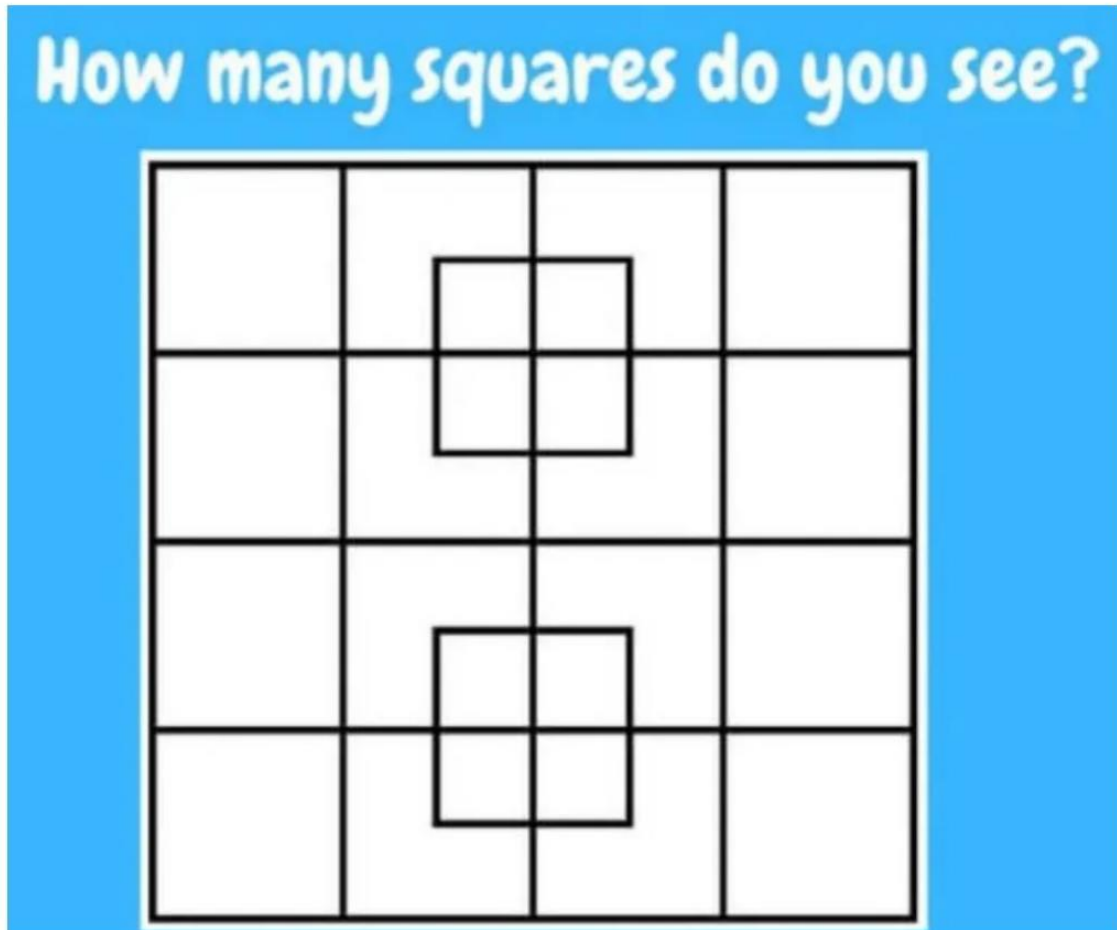
If a polygon has n sides,
then the sum of its angles
is equal to

$$(n - 2) \times 180^\circ$$



What is 'How many squares are in this picture' Whatsapp puzzle?

'How Many Squares do you see' is a WhatsApp puzzle that is doing the rounds on social media and Whatsapp groups among family and friends. It involves people to answer the number of squares they see in the picture given below. Check out the picture of the puzzle below. In this puzzle, one has to find out all the number of squares they are able to spot inside one big square.



Answer: 40

[Read | '1 To 9 All Digits To Be Used' Whatsapp Puzzle With Answer And Solution Inside](#)