

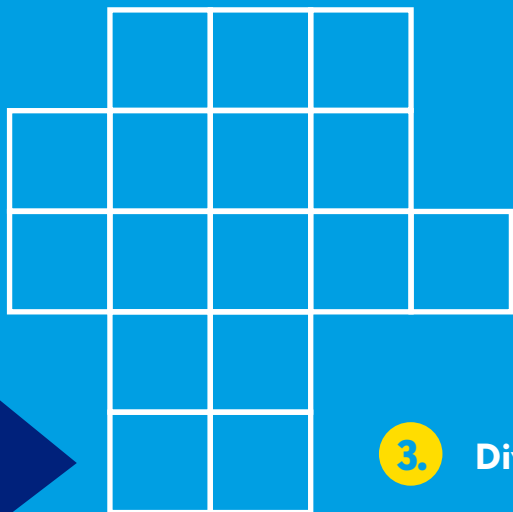
Calling all puzzle solvers... our Maths Circle needs you!

A Maths Circle is a group of students who come together to grapple with intriguing puzzles, discover and explore exciting ideas and learn to think like mathematicians.

MESME
MATHS CIRCLES

If you like these puzzles, you'll love
being part of our Maths Circles

1. Only one of the numbers between 468 and 486 is prime. Which is it?



2. A, B, C and D are friends. Two of them own cats and two of them own dogs.

These statements are all true:

- B or D owns a dog, but not both.
- A or B owns a cat, but not both.
- B and C don't both own dogs.

Who owns a dog and who owns a cat?

3. Divide the shape on the left into two congruent pieces by cutting along the grid lines.