

NUMERACY CHALLENGE



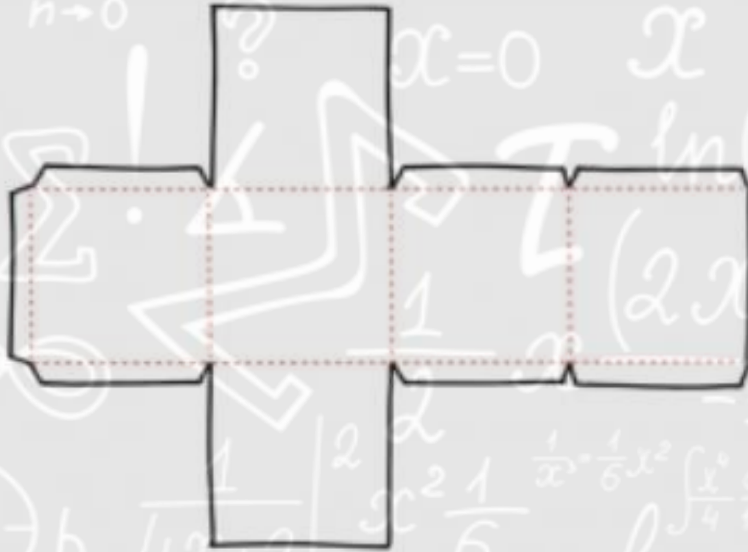
LEVEL 1



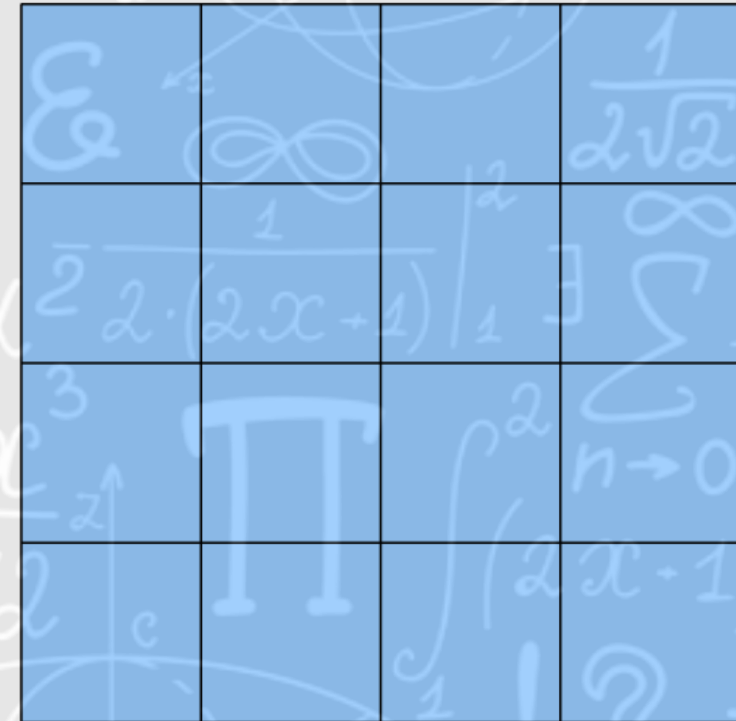
LEVEL 2

ACCESS MATHS

NUMERACY CHALLENGE



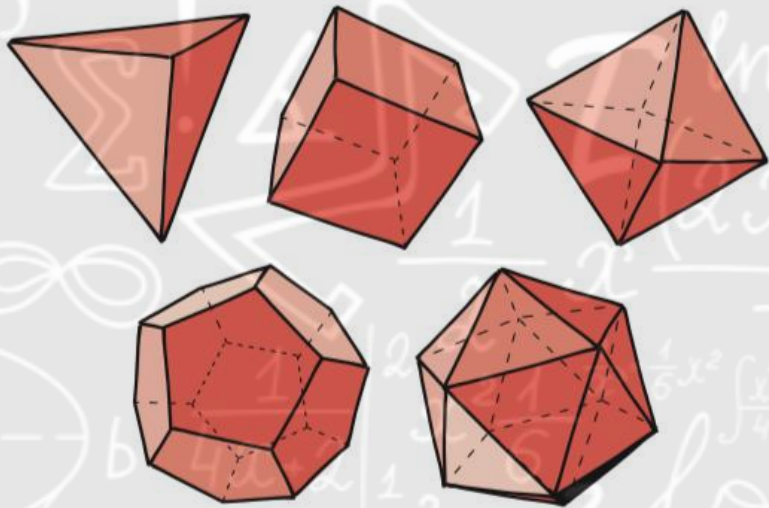
A cube can be made from various nets. A cube is made up of 6 square faces and makes for a great Christmas tree decoration. With the help of some ribbon, you can make your very own cubic ornaments using this template to ensure your tree is bedecked with fantastically festive Christmas cubes!



How many squares are there here? (Hint: There are more than 20!)

LEVEL 1

NUMERACY CHALLENGE



The platonic solids are: (top row, left to right) the tetrahedron, the hexahedron (which often goes by its street name of “cube”), the octahedron, (second row) the dodecahedron, and the icosahedron. Any of these five platonic solids would look marvellous on a mathematical Christmas tree.



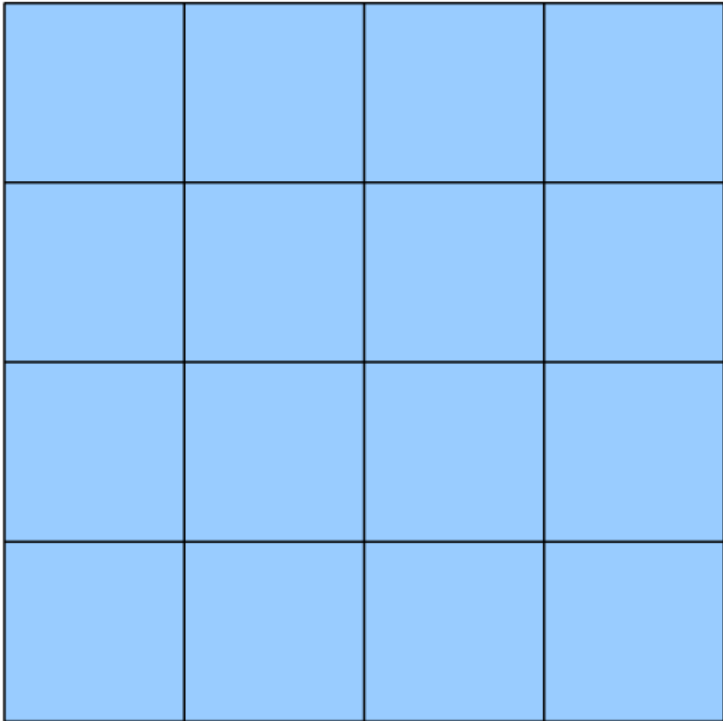
You just bought TEN trees...

You want to plant them in FIVE rows with FOUR trees in each row.

How are you going to do it?

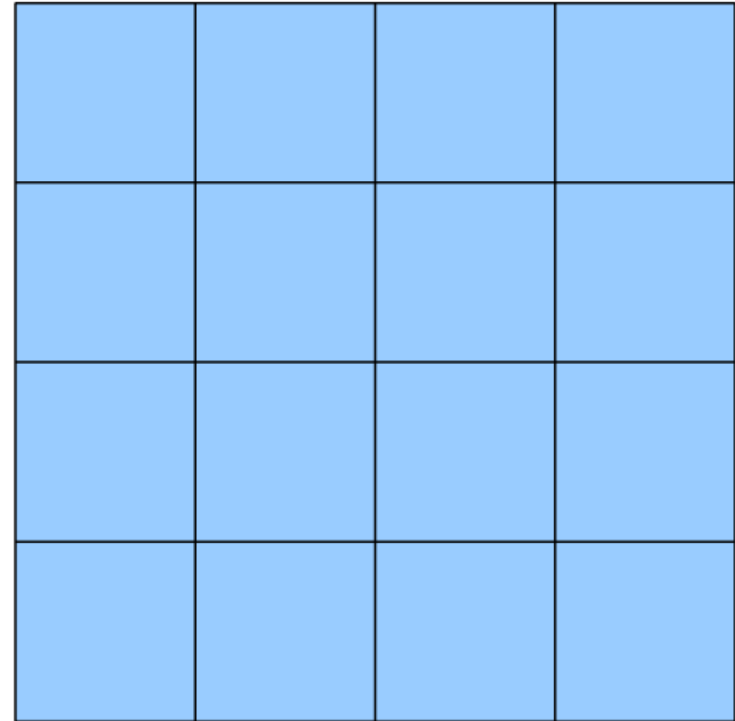
LEVEL 2

NUMERACY CHALLENGE LEVEL 1



How many squares are there here? (Hint:
There are more than 20!)

NUMERACY CHALLENGE LEVEL 1



How many squares are there here? (Hint:
There are more than 20!)

NUMERACY CHALLENGE LEVEL 2



You just bought TEN trees...

You want to plant them in FIVE rows with FOUR trees in each row.

How are you going to do it?

NUMERACY CHALLENGE LEVEL 2



You just bought TEN trees...

You want to plant them in FIVE rows with FOUR trees in each row.

How are you going to do it?

LEVEL 1

30 – look for
different sizes!

16 – 1x1 squares

9 – 4x4 squares

4 – 3x3 squares

1 – 4x4 square

LEVEL 2

