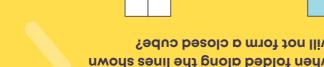
AN EZEE PUZZLE

SHAPES

or counters or any objects that make two (1857-1930). They can be played with coins by the great English puzzler Henry Dudeney These moving coin puzzles were popularised

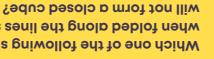
distinct sets of four.

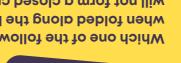


when folded along the lines shown Which one of the following shapes,

will not form a closed cube?













BRAIN WORKOUT

For more information see www.mathsweek.ie











sum along the horizontal row? vertical column equals the sncy that the sum along the eacy sanare of the cross, digits 1 2 3 4 5 6 7 8 9, one in Is it possible to arrange the



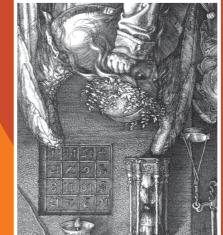
counties of Ireland? Do you know all the

COUNTIES COUNTING



Can you find all

our map and fill in their names?



L	٦t	SL	Þ
15	Z	9	6
8	ш	OL	S
٤L	7	Σ	9L

presented below.

easier to read, it is

sdnare. To make it

Dürer (1471-1528) it

shows a 4 x 4 magic

a picture by Albrecht

This is a section from

very special magic square. There are many more Each column and row adds up to 34. But, this is a 6 8

When do you think this picture was drawn? How many can you find? groups of four numbers that add up to 34.

figure out where the missing

numbers from 1 to 9. Can you

diagonals all add up to the

grid, so that the numbers in

MAGIC SQUARE

Maths Week Ireland is an

annual all-Island celebration of mathematical thinking.

A basic proficiency in maths is necessary in

daily life. Basic maths is needed in most jobs and a higher level of maths opens the door

to many rewarding careers. Mathematics is

particularly useful in describing behaviour of

Over 400,000 people are taking part this week in activities in school, events at universities and other venues across the island, and online. Public and family events include a Celebration of Mind at the National Botanic Gardens Dublin this Sunday, 23rd October. Maths Week was founded by Calmast, the STEM Engagement Centre at South East

the natural world and helps us understand

and predict impacts of such things as the

climate emergency and pandemics.

Technological University.

A magic square is an

arrangement of numbers in a

The 3x3 magic square uses the

each row, column and the two

unmbers go?

same amount.

(the clue is in the square)



There is no jumping. square at a time.

cau pe iu tue zame

of course to make it a

along. There are rules

and Red counters in

The aim of the Ezee

S	What is 20% of 10?
ל	What is 4 divided by a half?
3	What is 4 multiplied by a half?
7.	One inch is 2.54 centimetres, which is longer lucin of 4 inches?

	рев:	ІЯАН ЭІТТ	IT.
nb r	e 4 white socks and 3 black socks loose in a	You have	

having a pair of the same colour?	
How many socks would you have to pull out to be certain of	9
You have 4 white socks and 3 black socks loose in a drawer.	

٠,	cent coins. How many of each coin do I have?	
	I have €2.80 in my pocket in equal numbers of 5, 10 and 20	

- aud duck behind two ducks. How many ducks did I see? I saw a duck in front of two ducks, a duck between two ducks
- Ciara finishes ahead of Dave. In what position did Bill finish? ahead of Dave, Anne finishes two places ahead of Ciara. Anne, Bill, Ciara and Dave have a race. Bill finishes two places
- Mary has twice as many brothers as sisters, while her brother
- children are there in their family? 10 John has twice as many sisters as brothers. How many

- I saw geese and sheep in a field. I counted 44 heads and 144 comes in and lowers the average to 19. How old is the child? 10 people are in a room and the average age is 20. A child
- legs. How many sheep and geese did I see?
- getting a €5. How much money is in the bag? detting a €10 and you would have to take 17 out to be sure of 12 a €20, You would have to take 12 notes out to be certain of have to take 15 notes out of the bag to be certain of getting A bag contains money in 5, 10 and 20 euro notes. You would
- ммм.таthsweek For Solutions see