

NUMBER GRID CHALLENGE 4: TARGET 100

Start the maze with zero.

You have to finish the maze with a total of 100.

Your route can go **right** or **down** at each turn.

There are 3 possible routes. Can you find them?



START	14	7	13	15
12	9	11	26	21
16	5	12	19	10
13	10	17	24	11
8	20	4	15	FINISH

Extra Challenge

Find the route with the highest total.

Find the route with the lowest total.

Card tricks

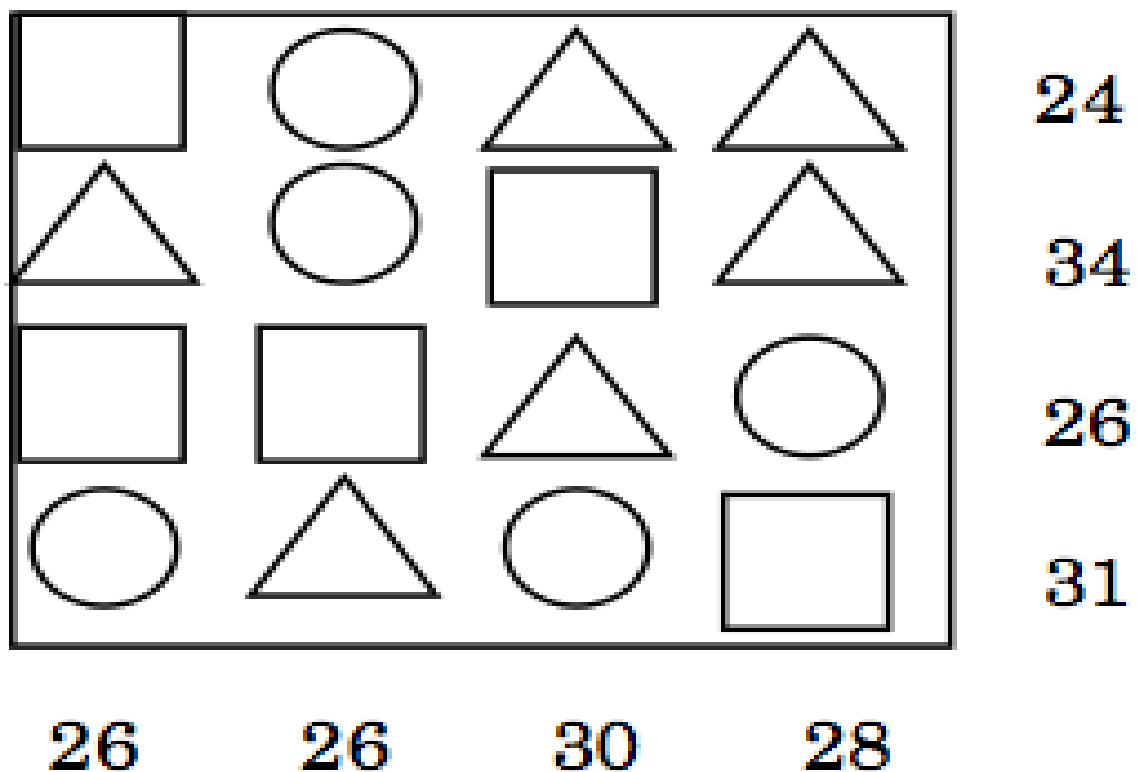
Chico's cards are all different.
There is a number from 1 to 8 on each card.



Chico has chosen four cards that add up to 20.
What are they?
There are seven different possibilities.
Try to find them all.

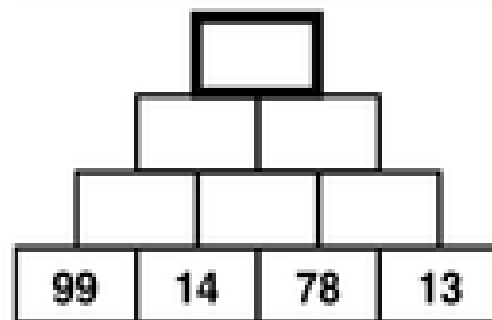
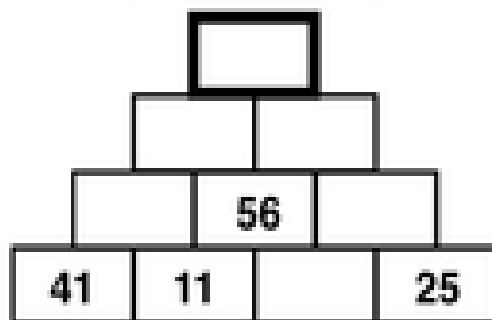
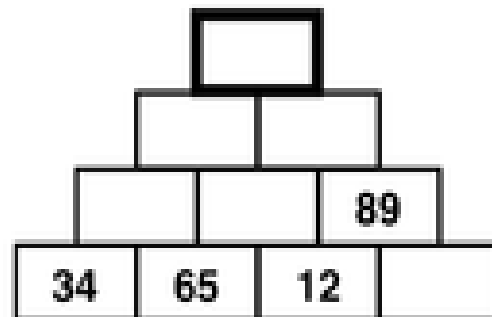
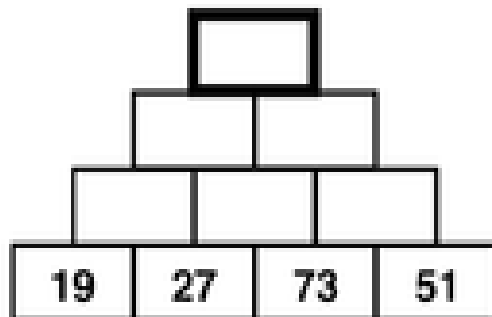
What if Chico has three cards that add up to 16?

Figure 1: Math Pegs Puzzle



Maths Brain Teaser - 1

Add two adjoining numbers and write the total in the box above.



Maths Brain Teaser - 2

How many triangles are there in the figure below?
(Clue: the answer is not 16)

