




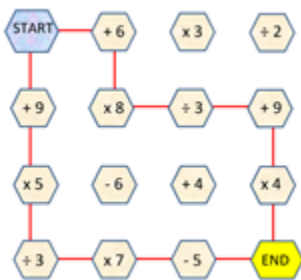
CTSC MATHS THINKER

Grade 5 - Riddles

This week we will be solving some tricky RIDDLES with the Grade 5 learners. Scroll through the images below for the images that link to the questions.

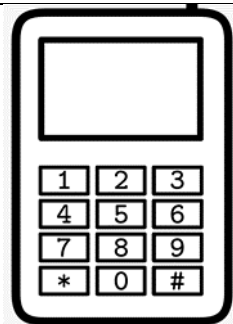
MEMORANDUM



2		4			
4	2	0	3	5	8
6		2		4	
		1	3	9	6

3 DIGIT NUMBERS	4 DIGIT NUMBERS
246	1396
549	4021

What number do you get when you multiply all of the numbers on a telephone's number pad?



0

There are 2 ducks in front of 2 other ducks.
There are 2 ducks behind 2 other ducks.
There are 2 ducks beside 2 other ducks. How many ducks are there?



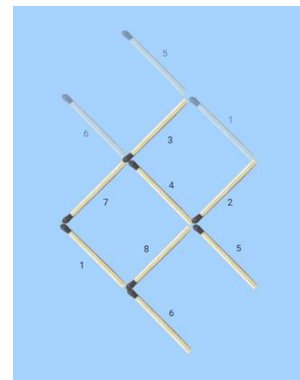
4

Joe is turning 11 this year, yet he turned 10 yesterday. How is this possible?

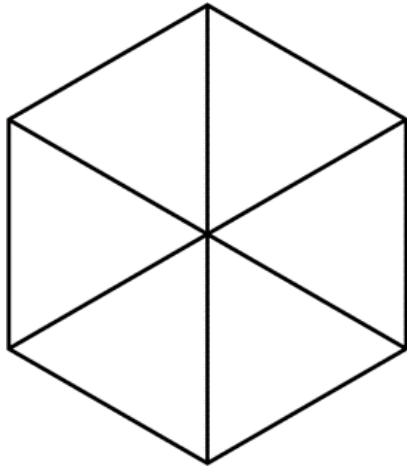
His birthday is on 31 December



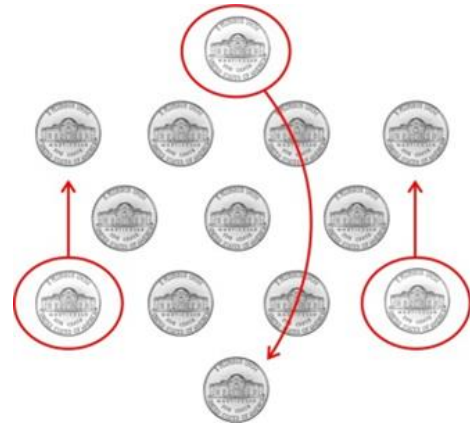
Move 3 sticks and make the fish to swim in the opposite direction.



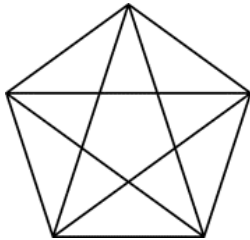
How did he arrange the pens so that there is 1 pig per pen?



Move only three coins to turn the triangle upside down.

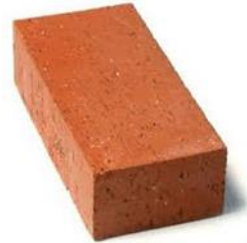


How many triangles are there?



35 triangles

A brick weighs 1 kg plus half of the brick. What is the weight of the brick?



2 kg

How many legs on the bus not counting the driver?

1. There are $7 \times 7 \times 7 = 343$ large cats. They have $343 \times 4 = 1372$ legs.
2. There are $7 \times 7 \times 7 \times 7 = 2401$ little cats.
3. They have $2401 \times 4 = 9604$ legs.

There are 7 girls. They have 14 legs.
The total $1372 + 9604 + 14 = 10\,990$ legs

If
 $A + C = 4$
 $D + E = 9$
 $B + F = 8$
 $Z + C = 29$
Then
 $G + A = 8$



I am an ODD number, if you take away one letter from me, I become even. What number am I?

seven

I am an EVEN number. If you take away one letter from me, I become odd. What number am I?

six