

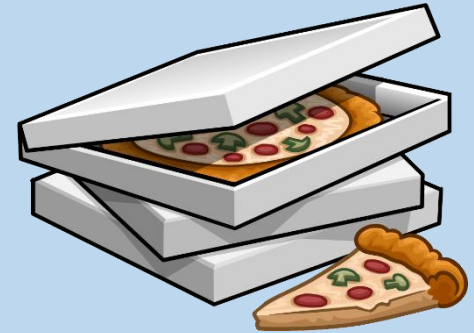
NUMERACY CHALLENGE



ACCESS MATHS



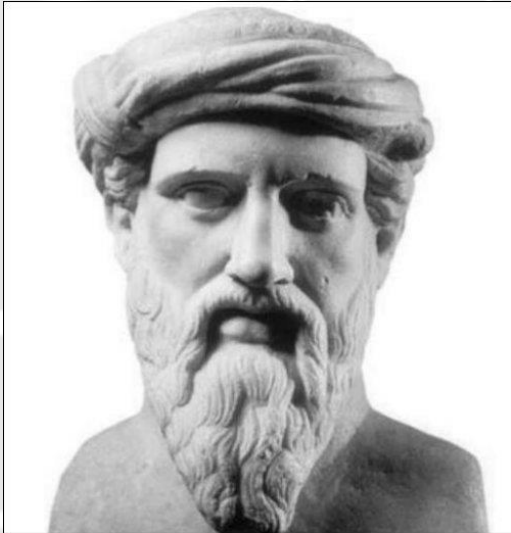
LEVEL 1



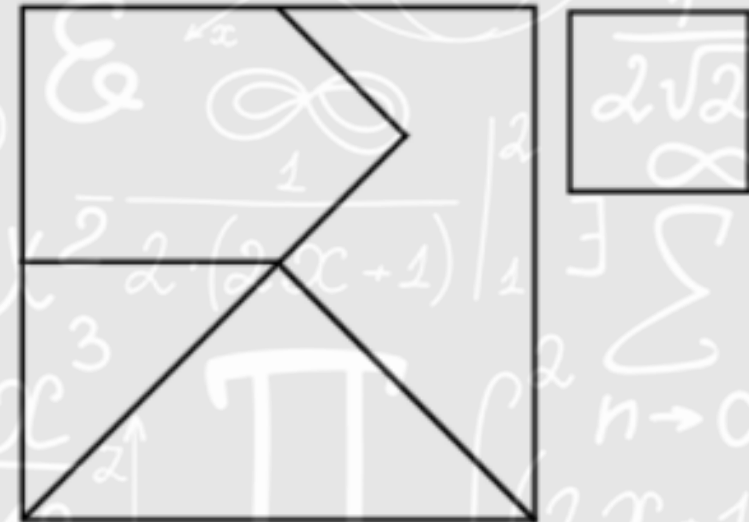
LEVEL 2

NUMERACY CHALLENGE

The famous Greek mathematician, Pythagoras, used to have small rocks to signify numbers while working on mathematical equations.



This led to origin of word Calculus which means pebbles in Greek.



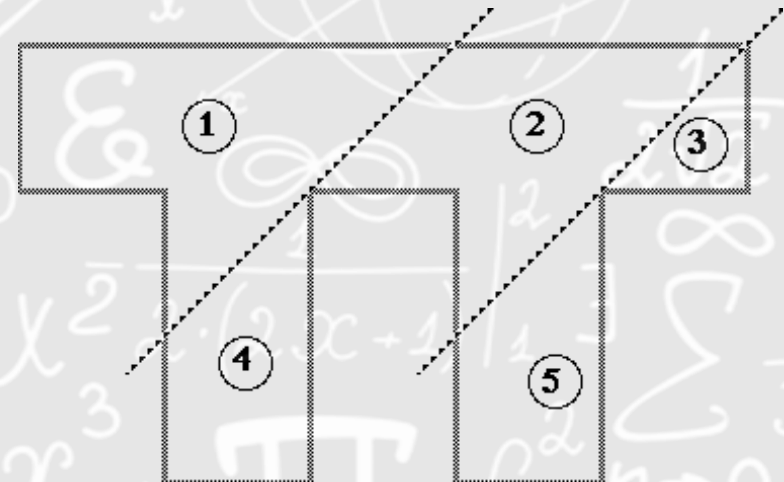
Combine the two above squares to make a single larger square.

NUMERACY CHALLENGE



I may look like someone who is ruining pizza for you but you will be amazed to know that if a Pizza has a radius of “z” and height “a” then its volume is:

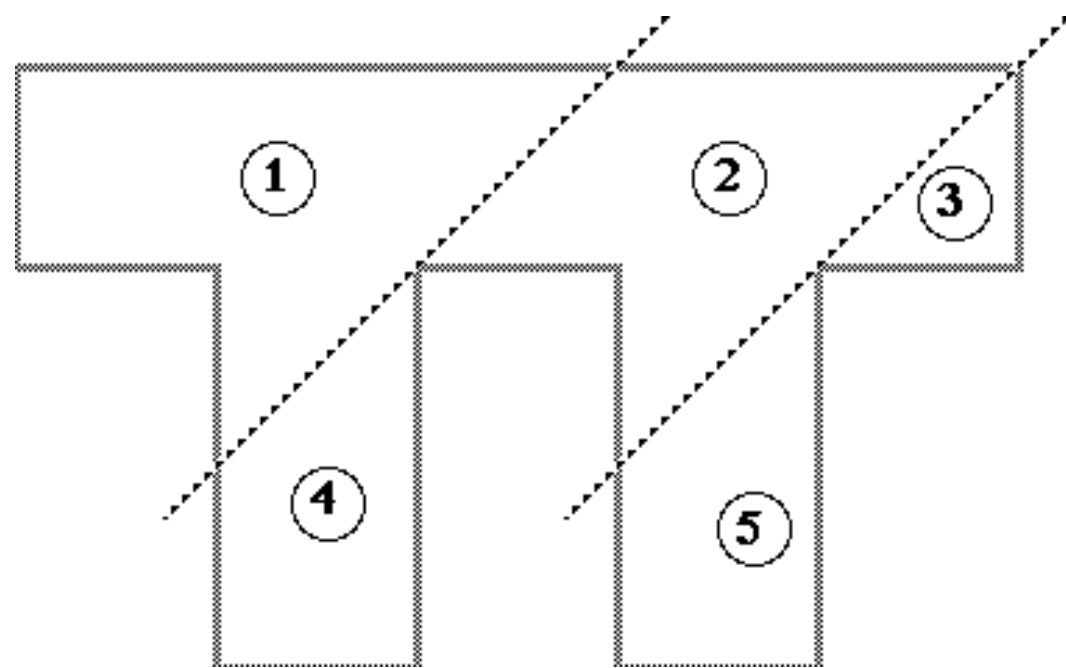
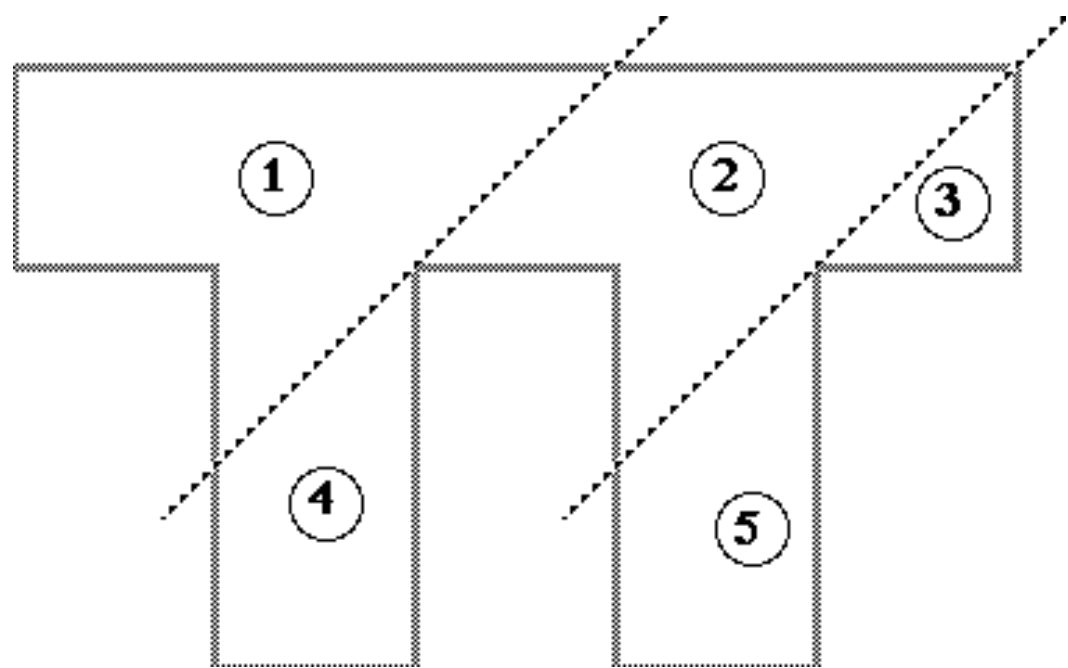
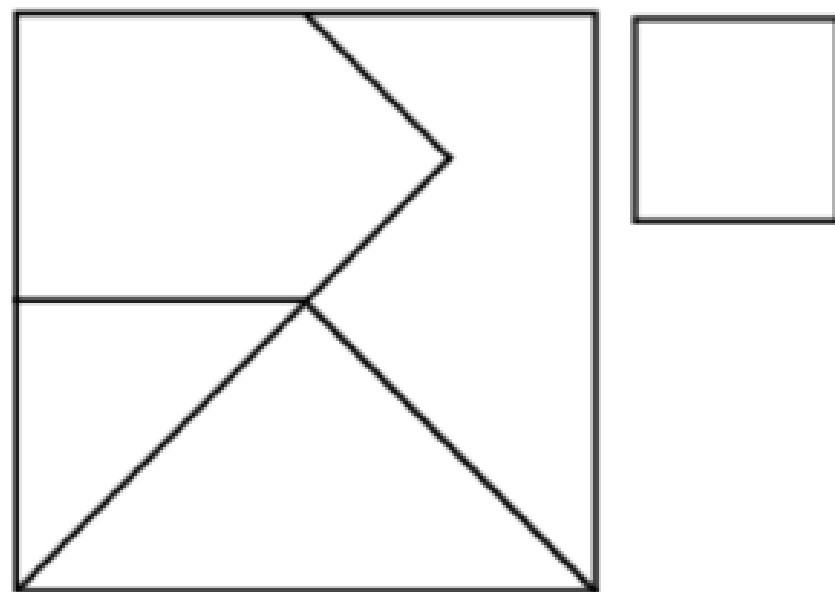
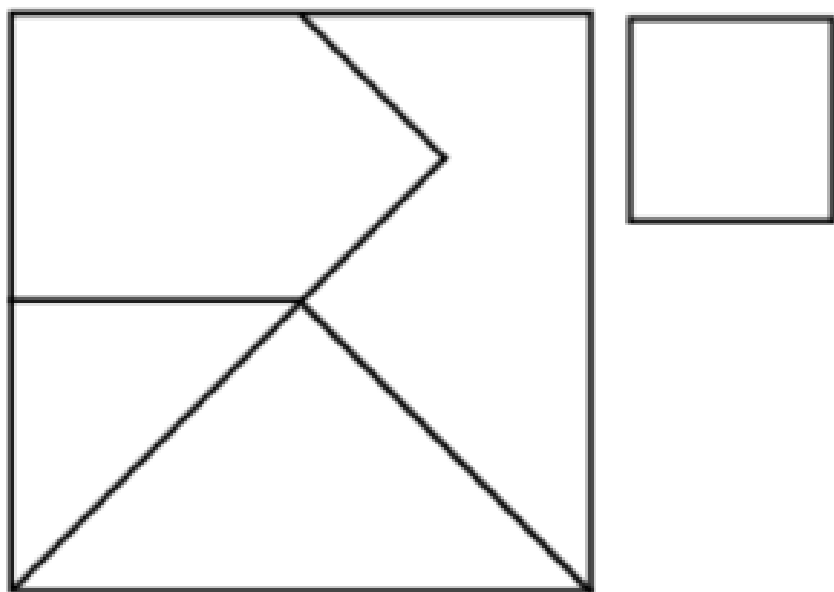
Pi x z x z x a which makes up Pizza. Interesting enough to enjoy little math with Pizza!!



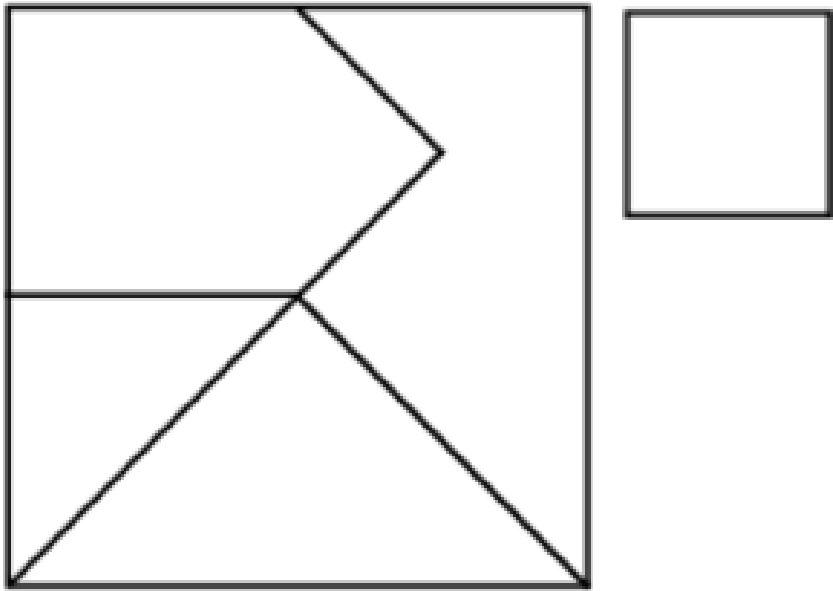
Cut up the Greek letter Pi below into five pieces as shown. Re-arrange the five pieces to make a square.

Is there more than one way?

LEVEL 2

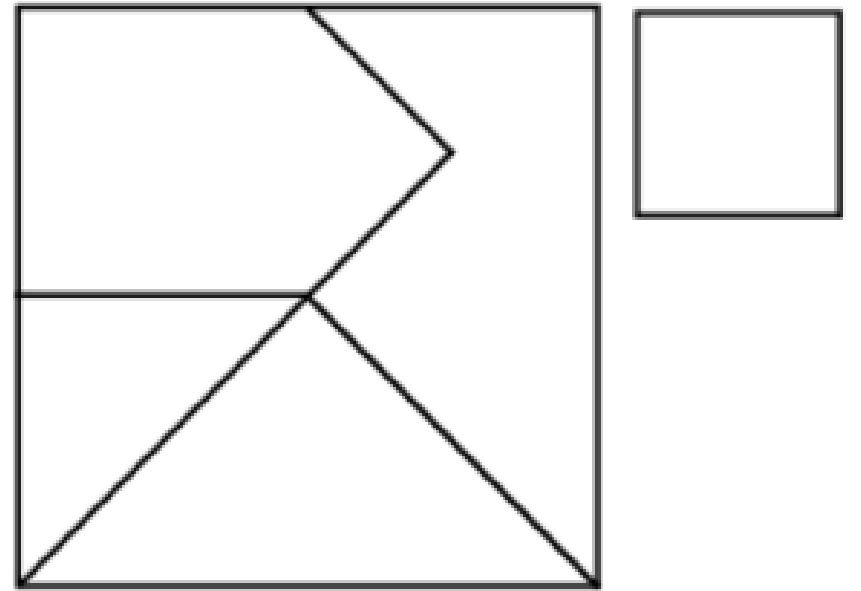


NUMERACY CHALLENGE LEVEL 1



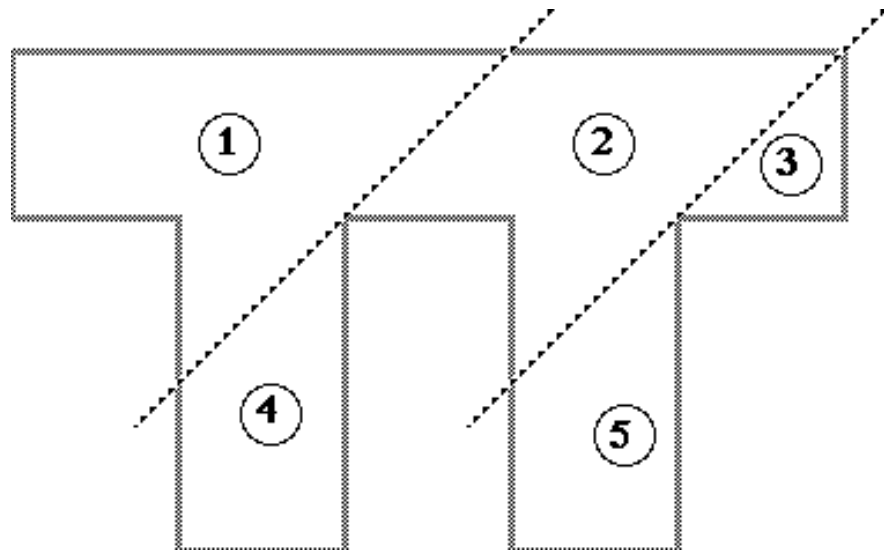
Combine the two above squares to
make a single larger square.

NUMERACY CHALLENGE LEVEL 1



Combine the two above squares to
make a single larger square.

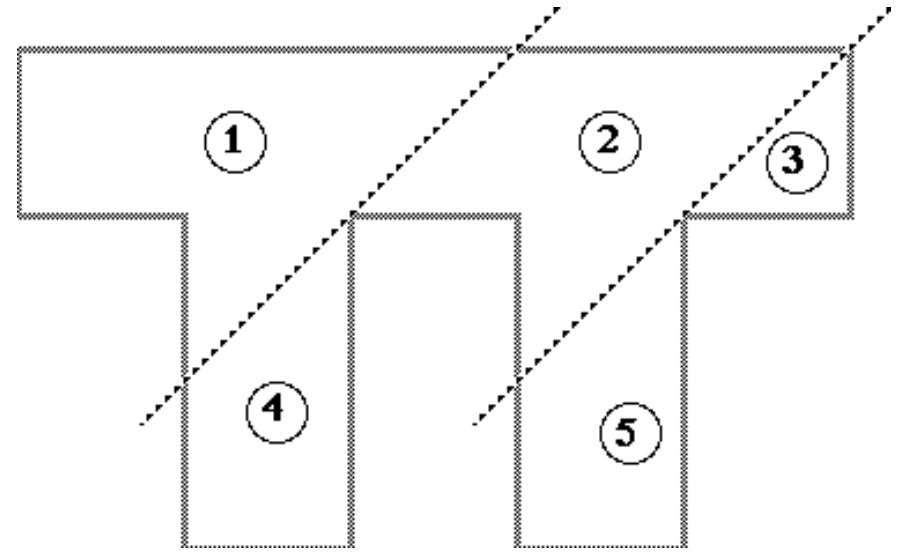
NUMERACY CHALLENGE LEVEL 2



Cut up the Greek letter Pi below into five pieces as shown. Re-arrange the five pieces to make a square.

Is there more than one way?

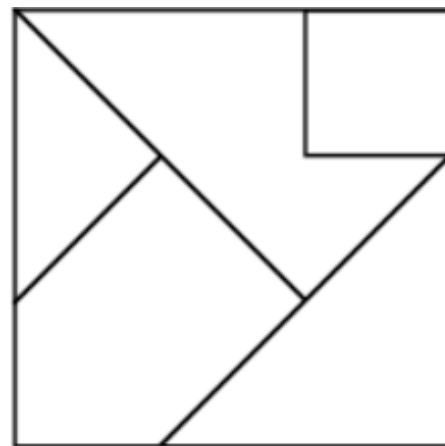
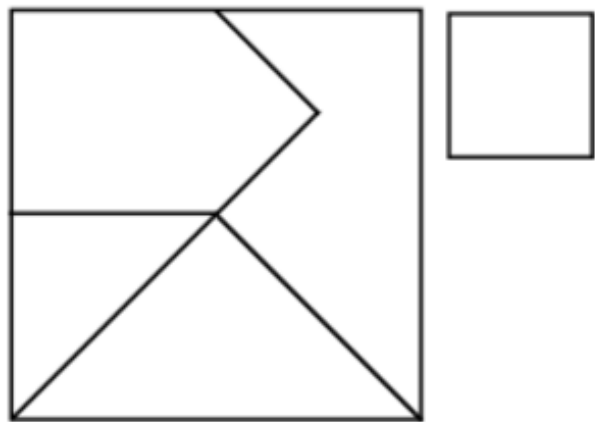
NUMERACY CHALLENGE LEVEL 2



Cut up the Greek letter Pi below into five pieces as shown. Re-arrange the five pieces to make a square.

Is there more than one way?

Level 1:



Level 2: I have only found one solution excluding reflections and rotations:

