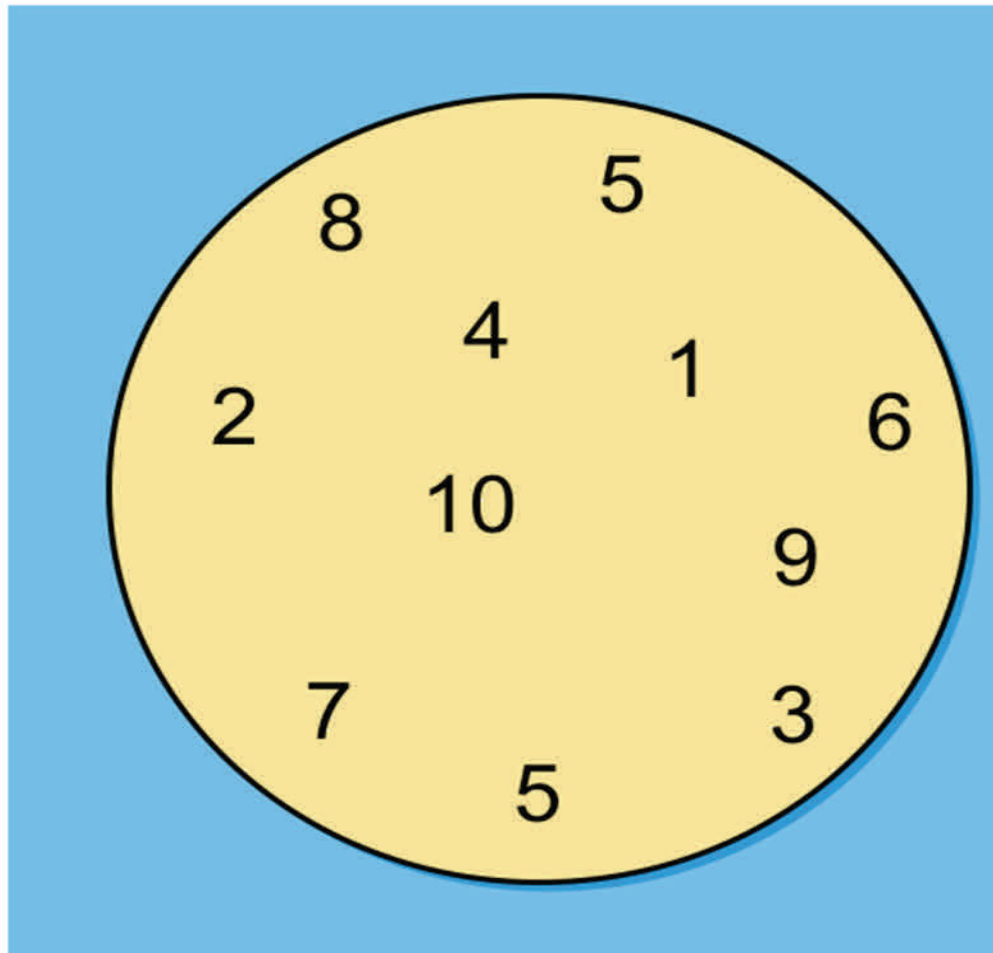




## Bell Ringer

October 15, 2012

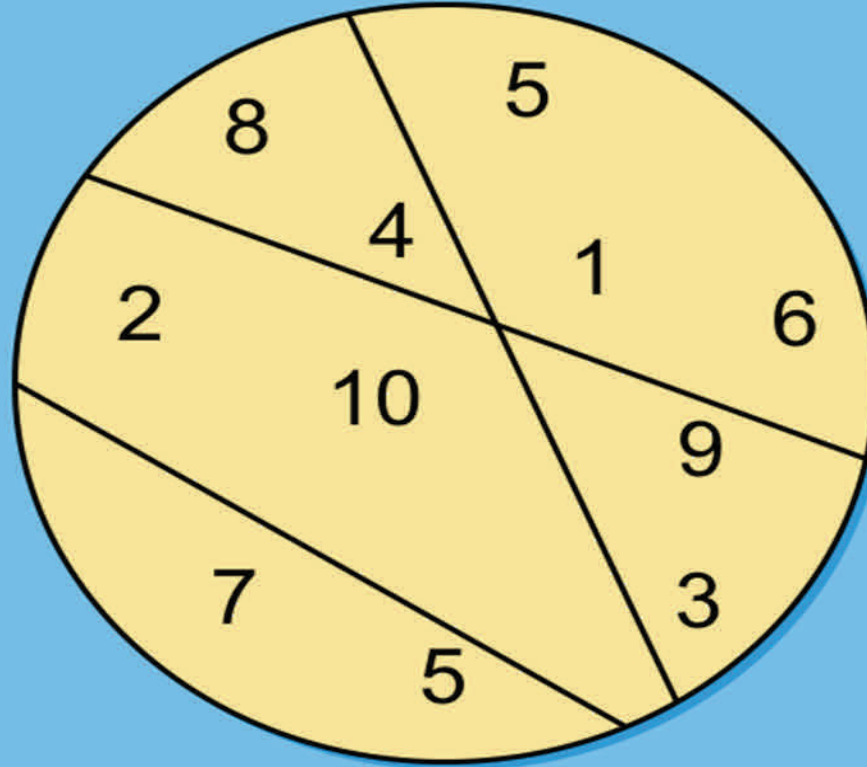
With three straight lines divide the circle into several regions with equal sums of their numbers. Lines should begin and end on the circle's periphery. They may cross each other, but not the numbers. No empty regions are allowed.





# Bell Ringer

October 15, 2012

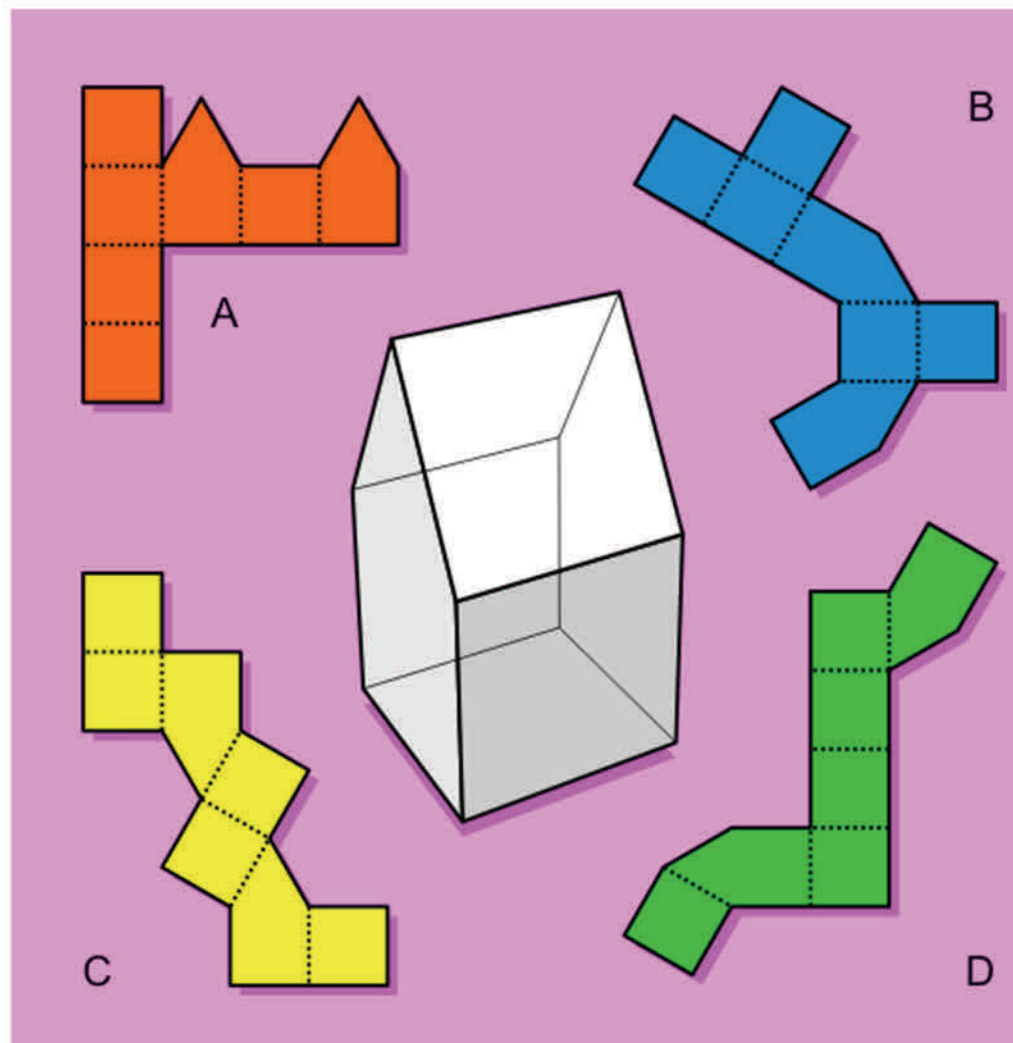


# Bell Ringer

October 16, 2012



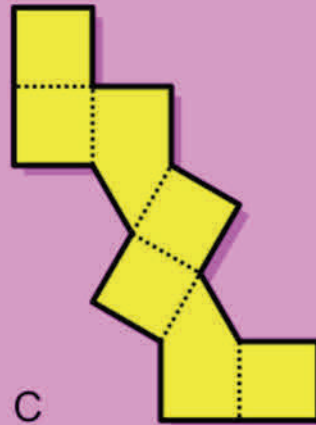
When folded, which layout would create the house in the middle?





# Bell Ringer

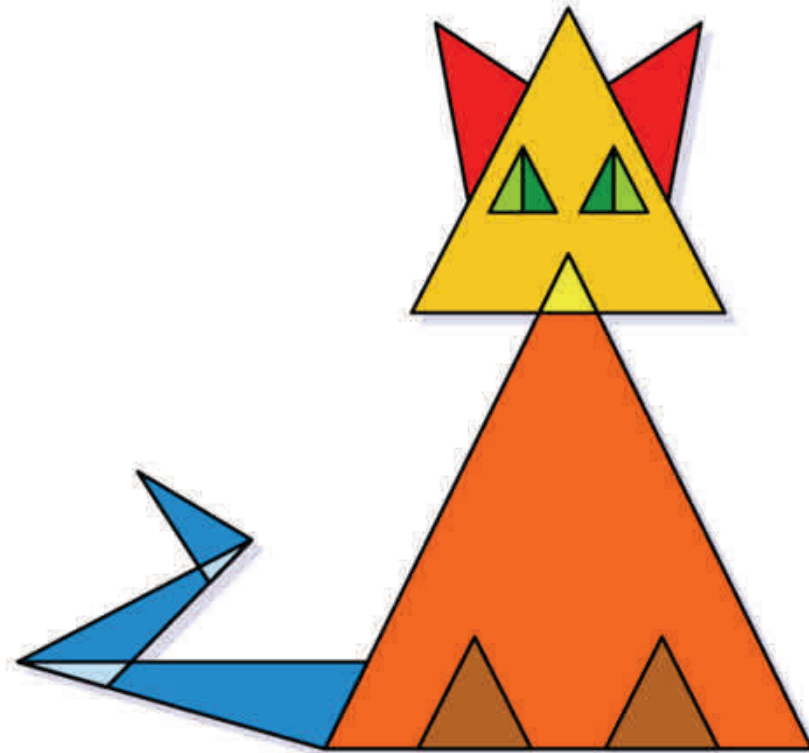
October 16, 2012





# Bell Ringer

October 17, 2012



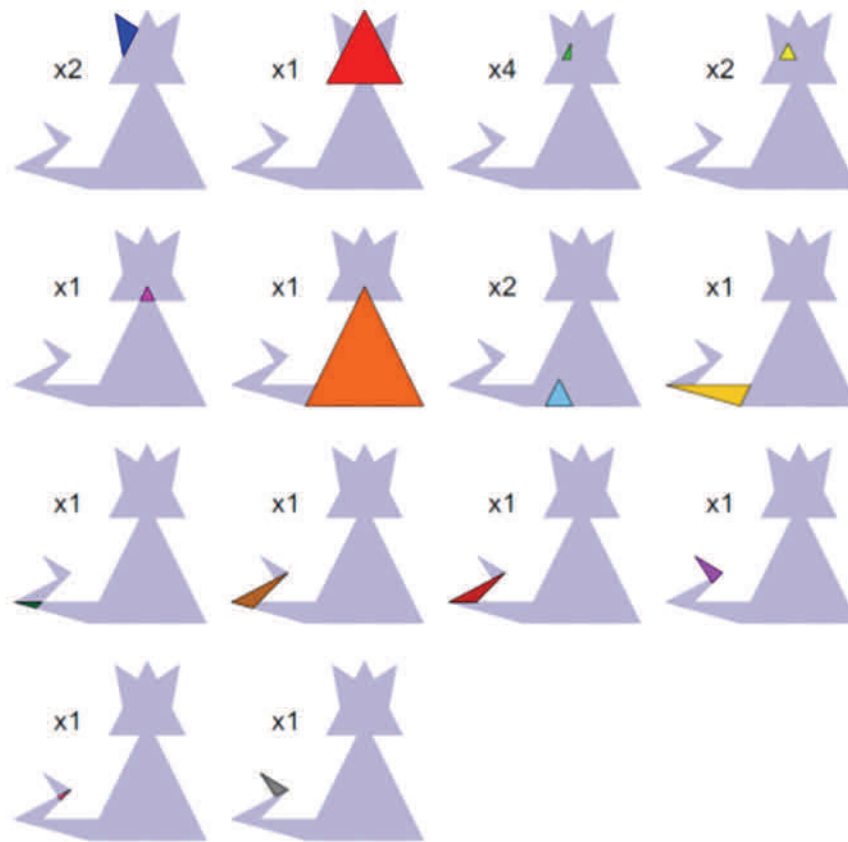
---

How many different triangles can you count in the picture of the cat?



# Bell Ringer

October 17, 2012



There are 20 triangles hidden in the cat - as is shown in the diagram.