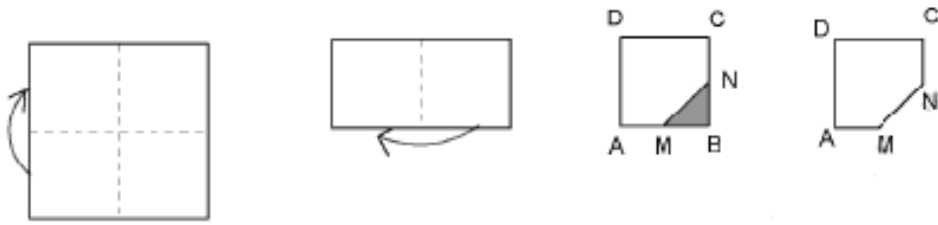
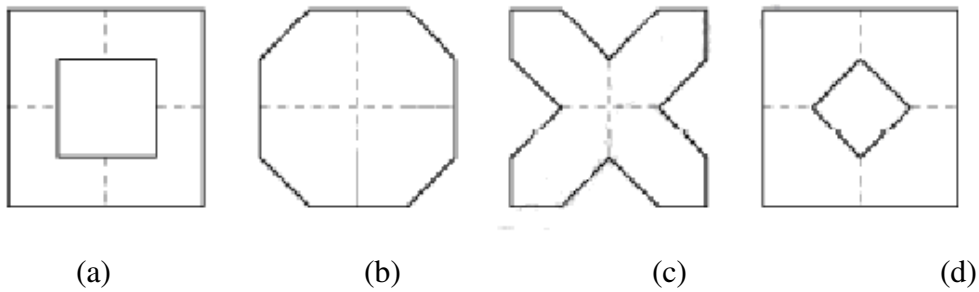


1. Folding a square paper as shown in the figures then cutting along the line MN.

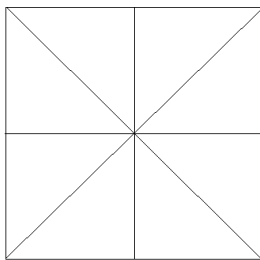


What shape below you can get after unfolding the paper?

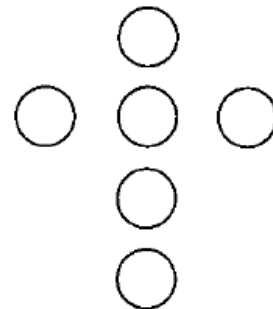


2. Find the value of $1 + 2 + 3 + 4 + 5 + \dots + 100$

3. How many triangles are there?



4. Arrange six coins in the form of a cross as shown then move just one coin to form two lines with four coins in each line.



KEYS:

1. (D). Think backward. Unfolding the following figure.



2. 5050. Thinking pairing $1+100 = 101$, $2+99 = 101$,... Total 50 pairs. So $50 \times 101 = 5050$.

3. 16.

4.

The bottom coin of the cross is moved on top of the centre coin.

