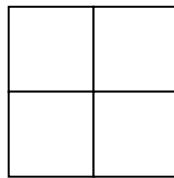
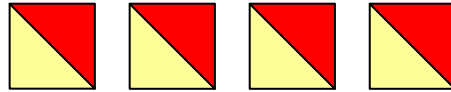
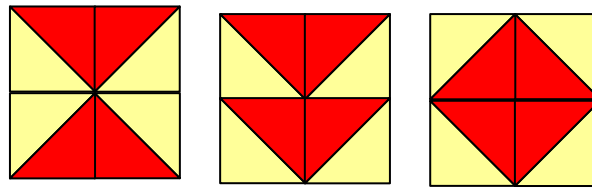


How many patterns ?

There are a number of squares divided with diagonal borders and colored differently, as shown in Figure. How many different possible patterns are there when 4 such squares forming a 2 x 2 grid are filled in? Cases of symmetrical colors, rotational symmetries and mirror symmetries are regarded as equivalent.



Example:



Equivalent:

