

Four Triangles Puzzle

? Can you make a shape from another shape?

If you cut a square diagonally from corner to corner you








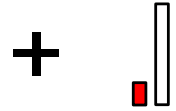
get four right-angled triangles.


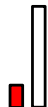

Cut out the triangles


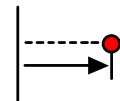



How many different shapes can you make by fitting the four





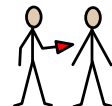
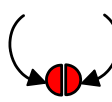
triangles back together?

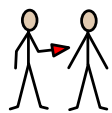


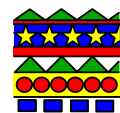
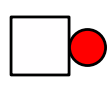
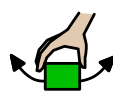




 You can  only  fit  long  sides to  long  sides and  short



 sides to  short  sides.

 The  whole length of the  side  must be  joined.

 How many  different  shapes  can  you  make?

 You  could  make  patterns  by  using  different  coloured

  
paper.

 Have  fun

  
Pam