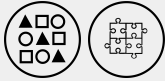



<p>Name:</p> <p>Date:</p> <p>Tools: one block / 1-3 student (block 113, 112, 122, 133, 223 or 233)</p>	<p>611 - Colouring Vertices 133</p>  <p>MATHS / COMBINATORICS</p>	 <p>LOGIFACES METHODOLOGY</p> <p>Erasmus+</p> <p>STUDENT Logifaces</p> <p>2019-1-HU01-KA201-0612722019-1</p>
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DESCRIPTION

Students colour the vertices of the block 133 or 123 (or 113, 112, 122, 223, 233, 321) with 2 colours (red and blue) and consider the number of possible colourings. (Two colourings are different, if they cannot be moved into each other.)

LEVEL 1 1 red vertex or 1 blue vertices

LEVEL 2 2 red vertices or 2 blue vertices

LEVEL 3 All possibilities.

SOLUTION(S)