
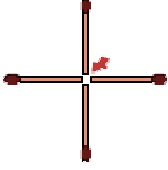
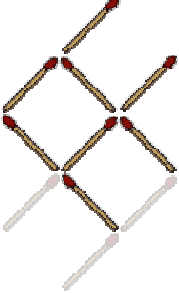
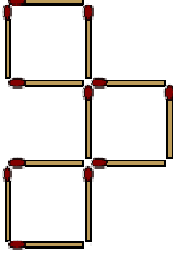
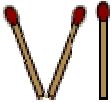


Solutions

Geometric Solutions:

	<p>Solution #1: The traditional solution is to form a regular tetrahedron (see Regular Solids), an example of lateral thinking, as it requires using the third dimension. Dr. Matrix's readers provided numerous alternative solutions using only two dimensions, as we did not forbid the overlapping of matches or triangles. This Star of David, with eight triangles (six small and two large ones), would seem to be the best solution. Another restriction (besides disallowing overlapping) which would force the tetrahedron is that all of the triangles must be the same size.</p>
	<p>Solution #2: We make a small square between the four matchstick ends, as shown.</p>
	<p>Solution #3: Move the faint matches in this diagram.</p>
	<p>Solution #4: Only three matchsticks were moved.</p>

Jokes and riddles, solutions:

	<p>Solution #5: We move the left two matchsticks, to make a Roman numeral VI.</p>
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