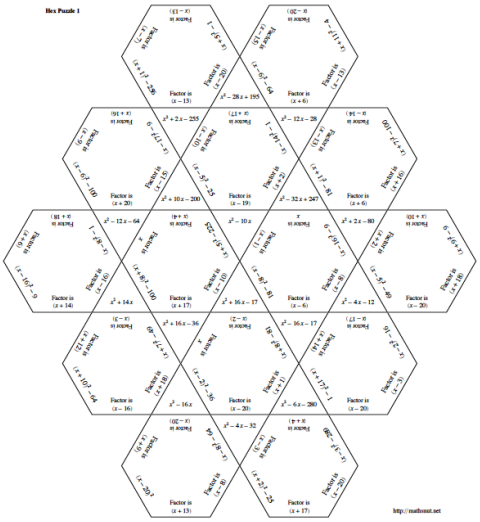
HexPuzzles
Factorising quadratic expressions



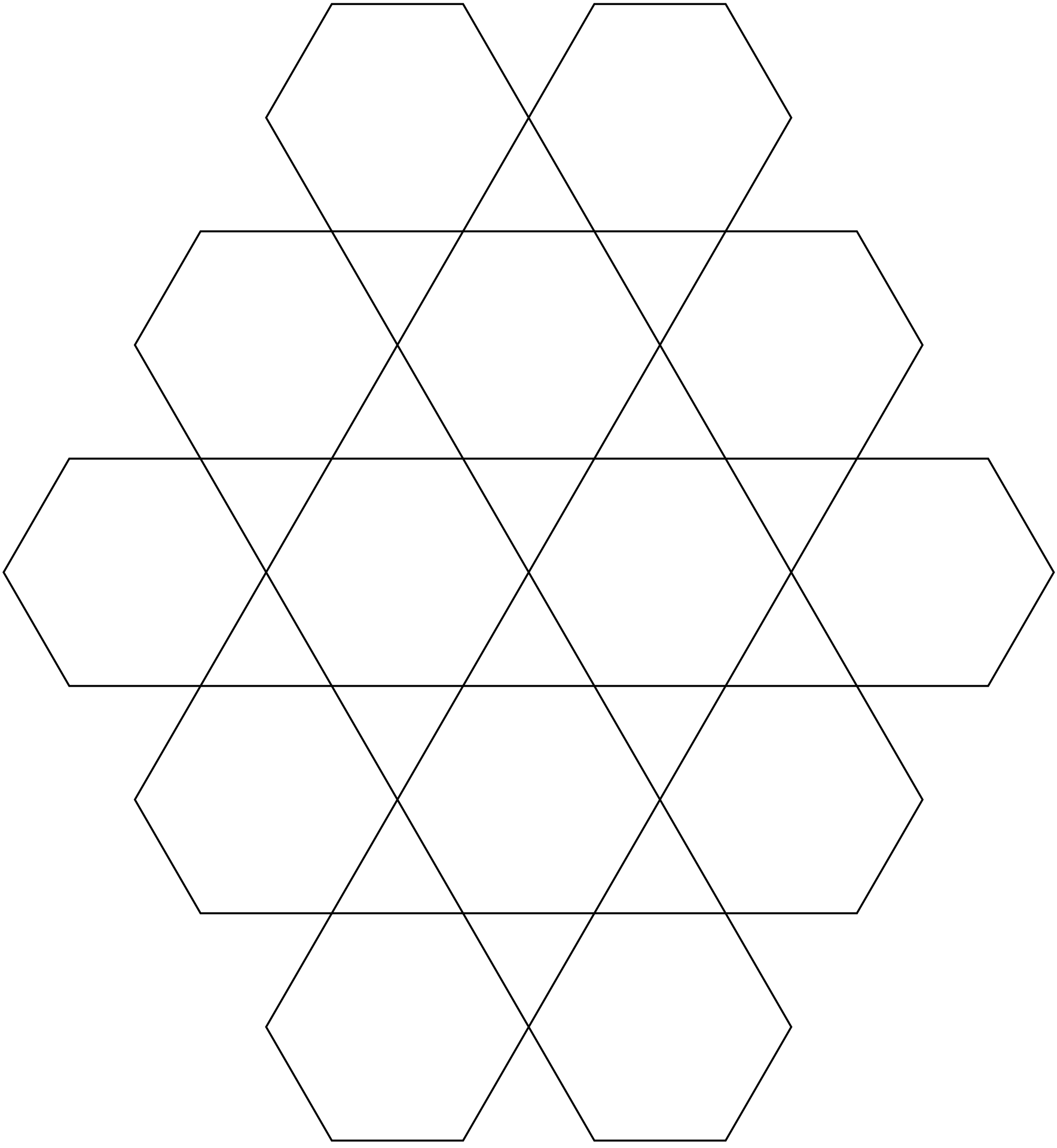
This document contains:

- A blank HexPuzzle template, which students may find useful when assembling their HexPuzzle;
- 50 different HexPuzzles.

Instructions:

- Students can either work individually, or in a small group (suggested maximum: 4 students).
- Give each group a (different) HexPuzzle.
  These pages can be printed on A4 paper, but it is better to print on A3 or larger.
- The 14 hexagons and 16 triangles should be cut out.
- Rearrange the hexagons and triangles, so that the sides of the hexagons are adjacent to the triangle which has that property (i.e. the factor on the hexagon is a factor of the quadratic expression in the triangle, or the completed square/turning point form is equivalent to the quadratic expression).
- The HexPuzzle will rearrange into the original shape.

J Coventry, August 2014



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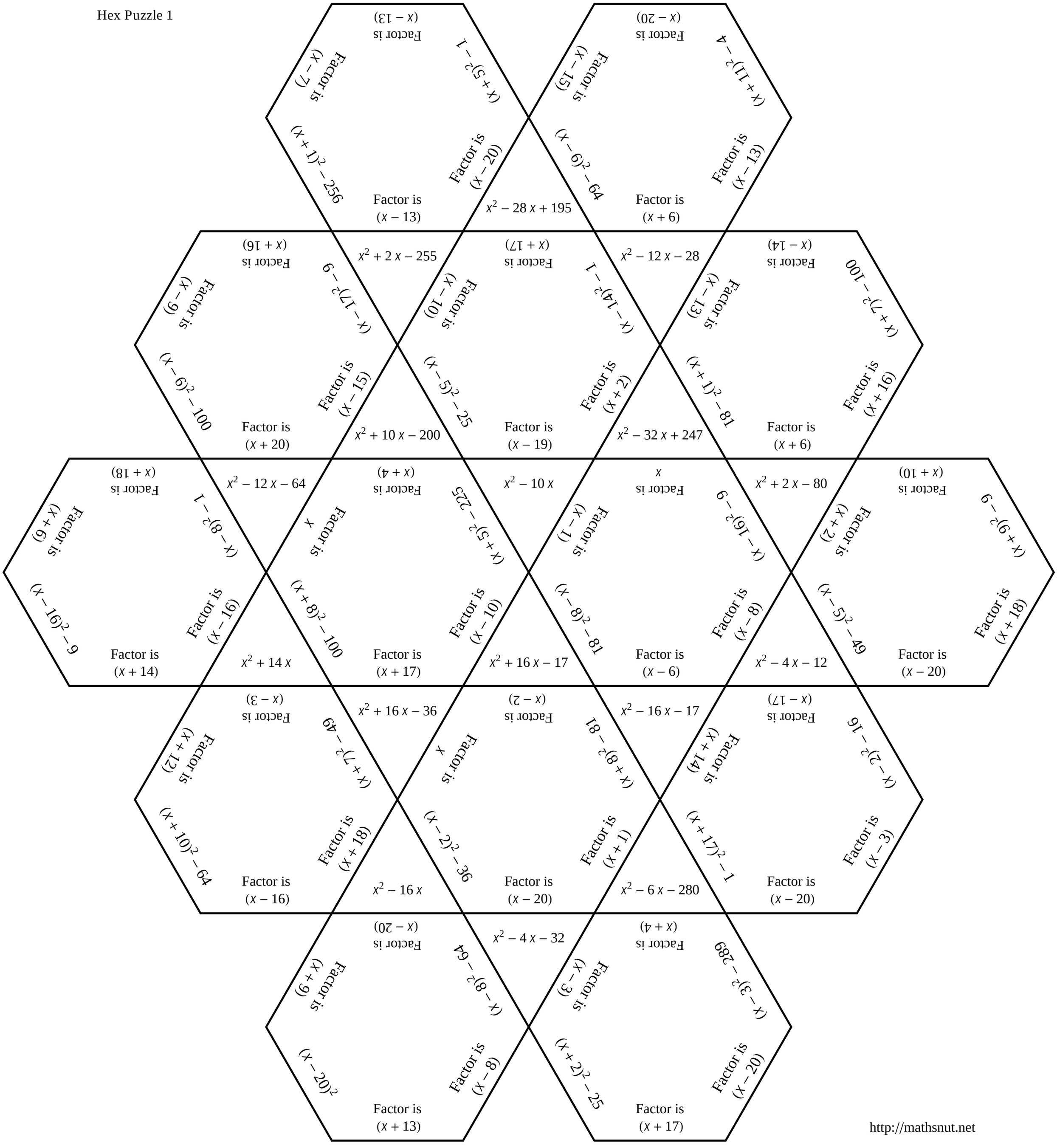

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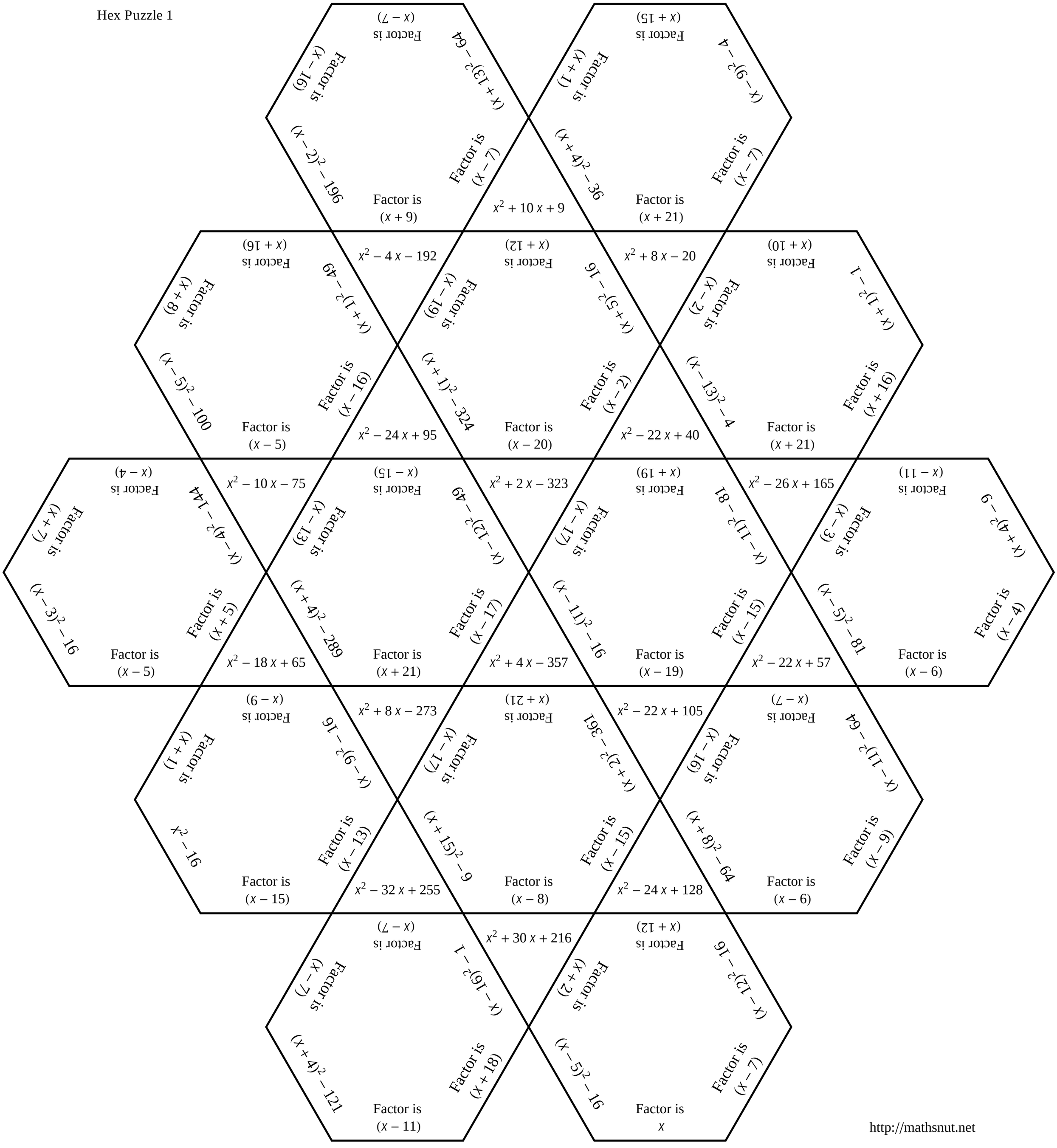

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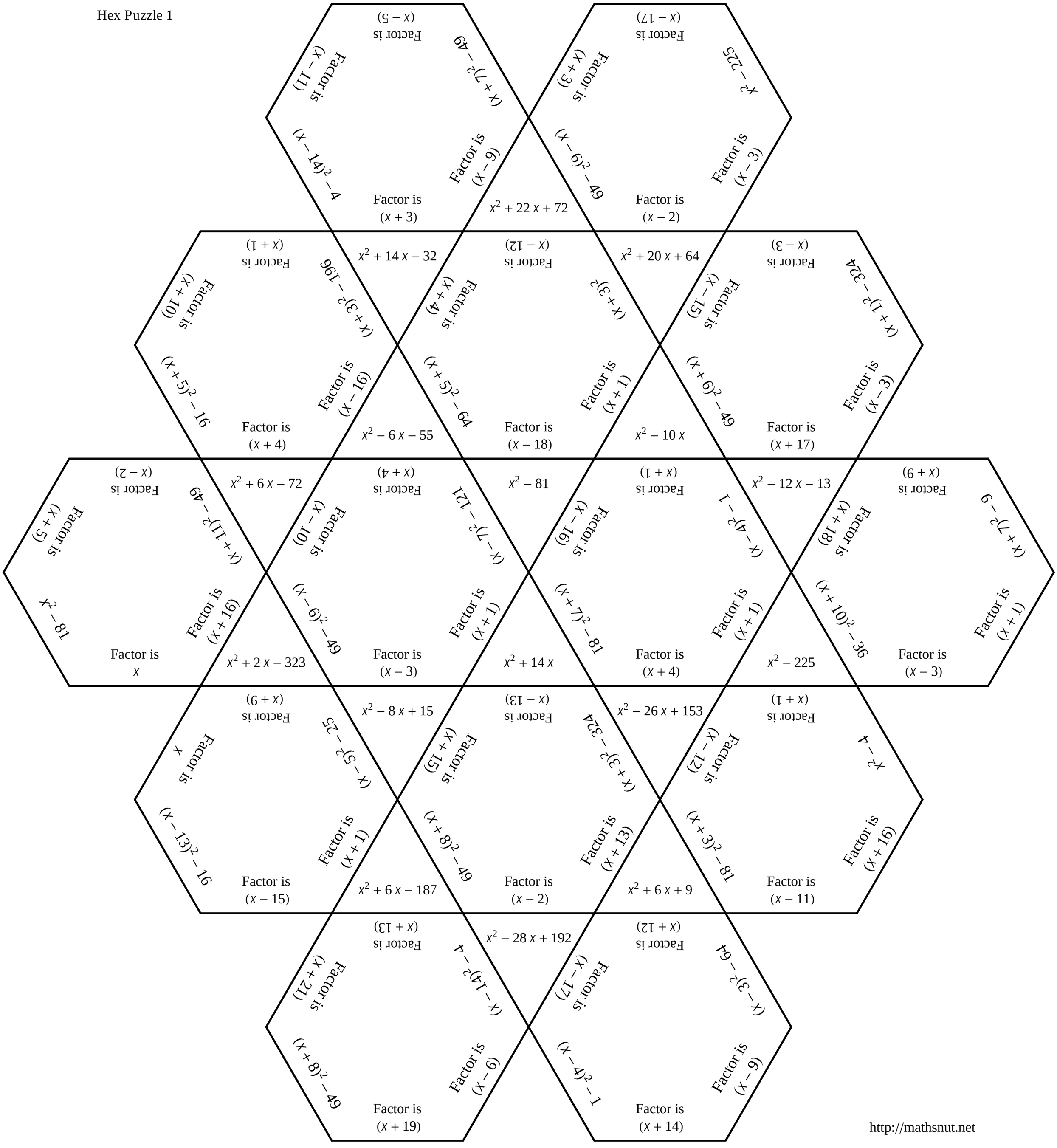

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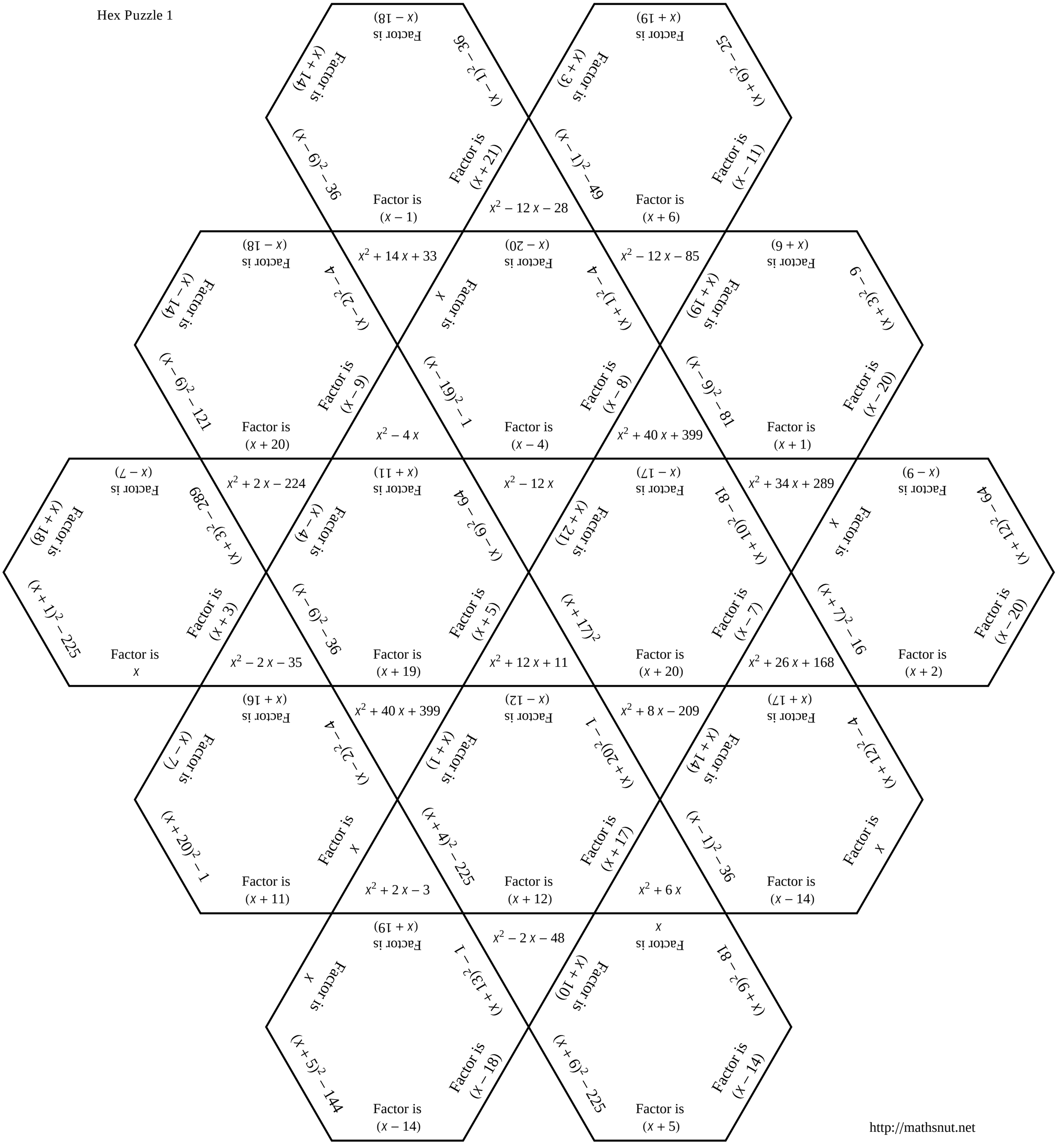

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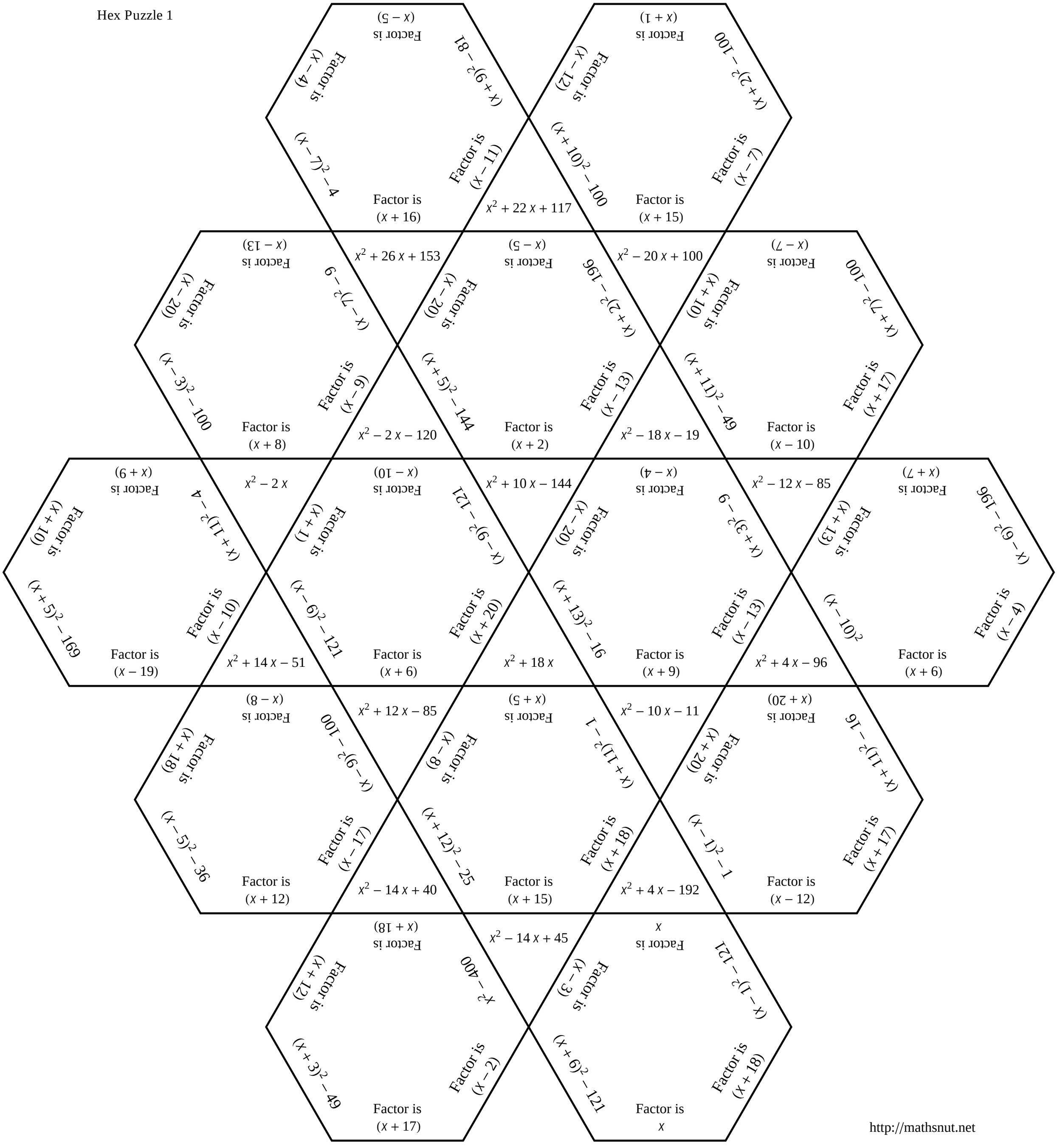

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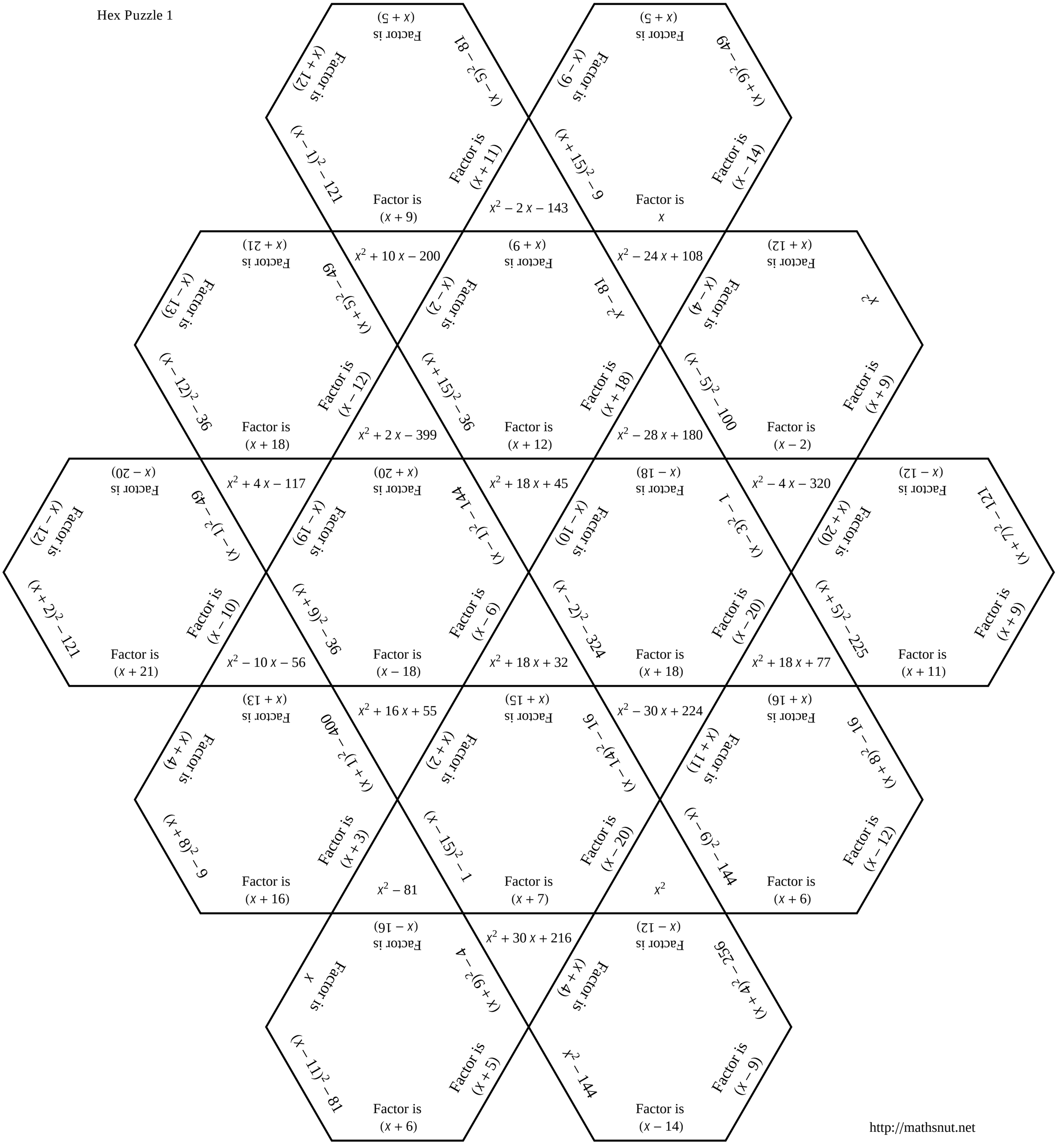

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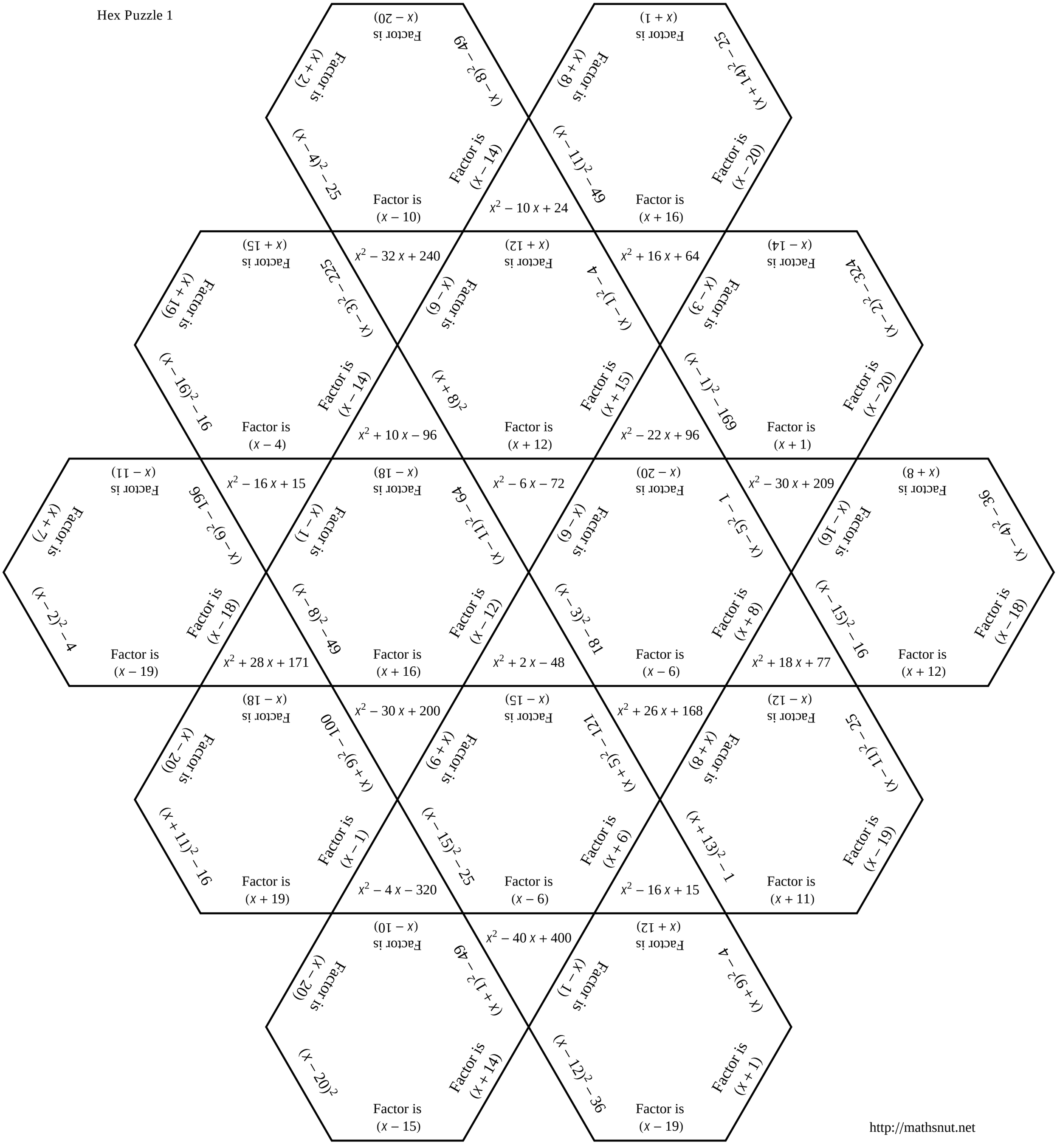

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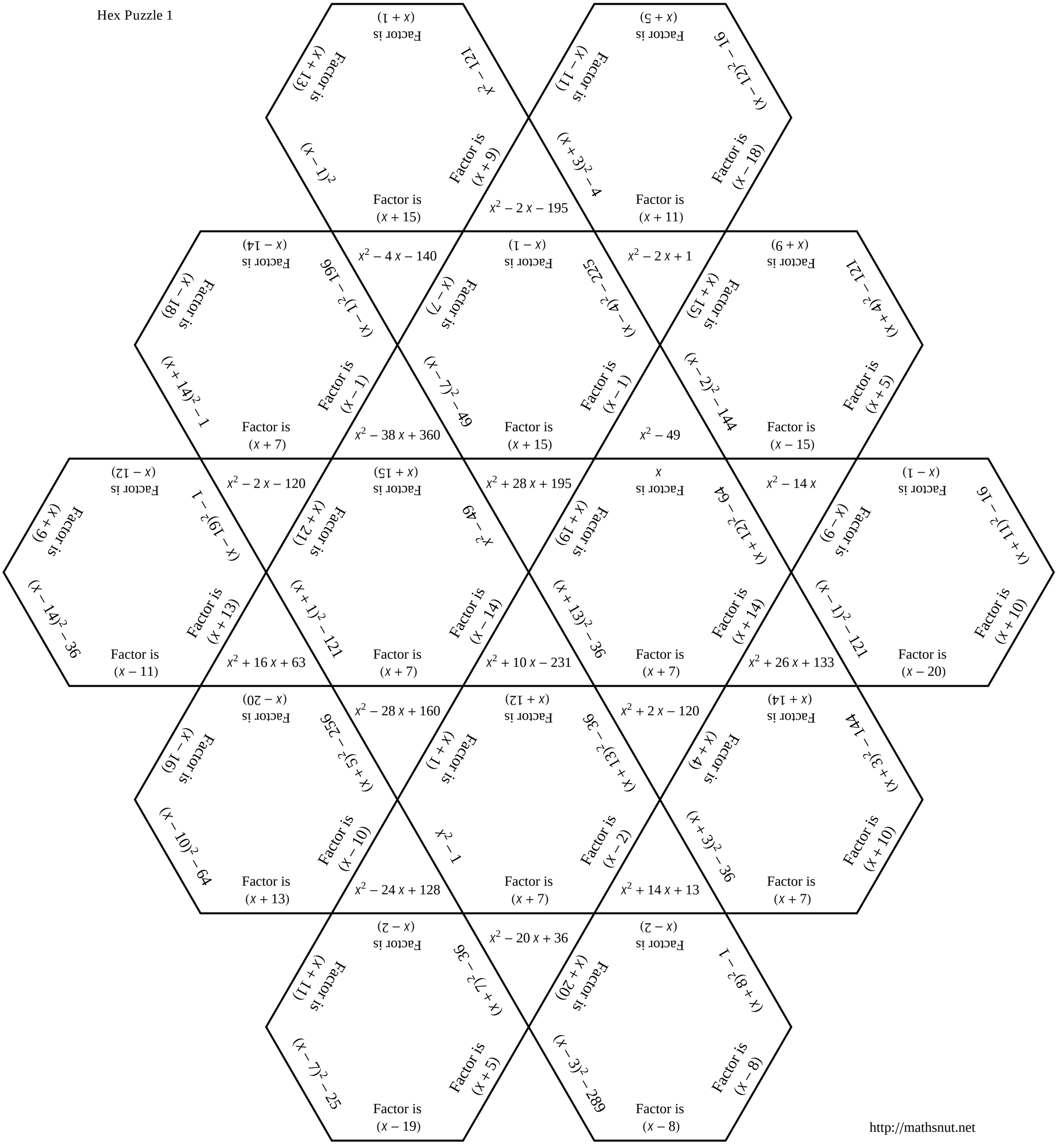

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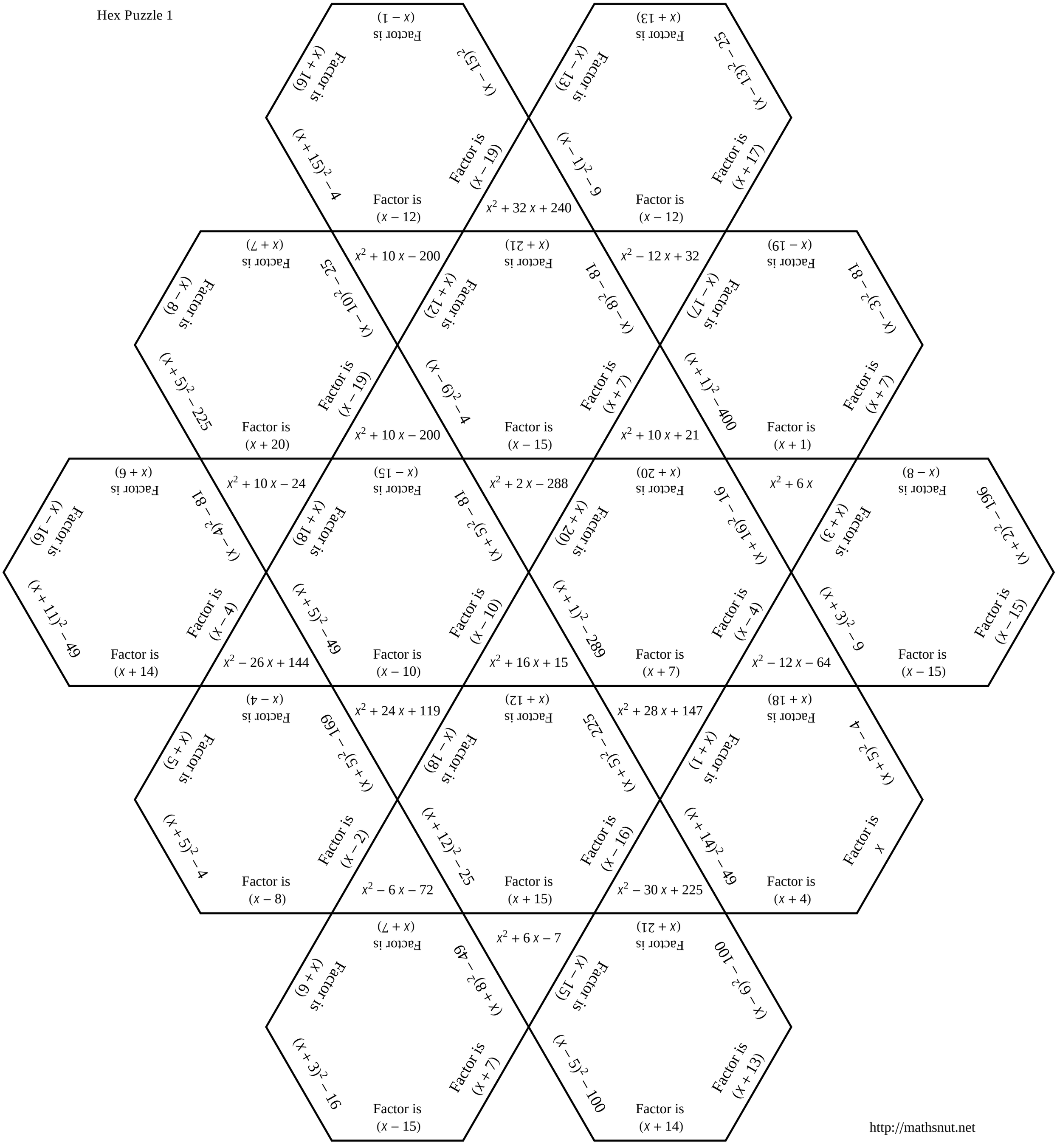

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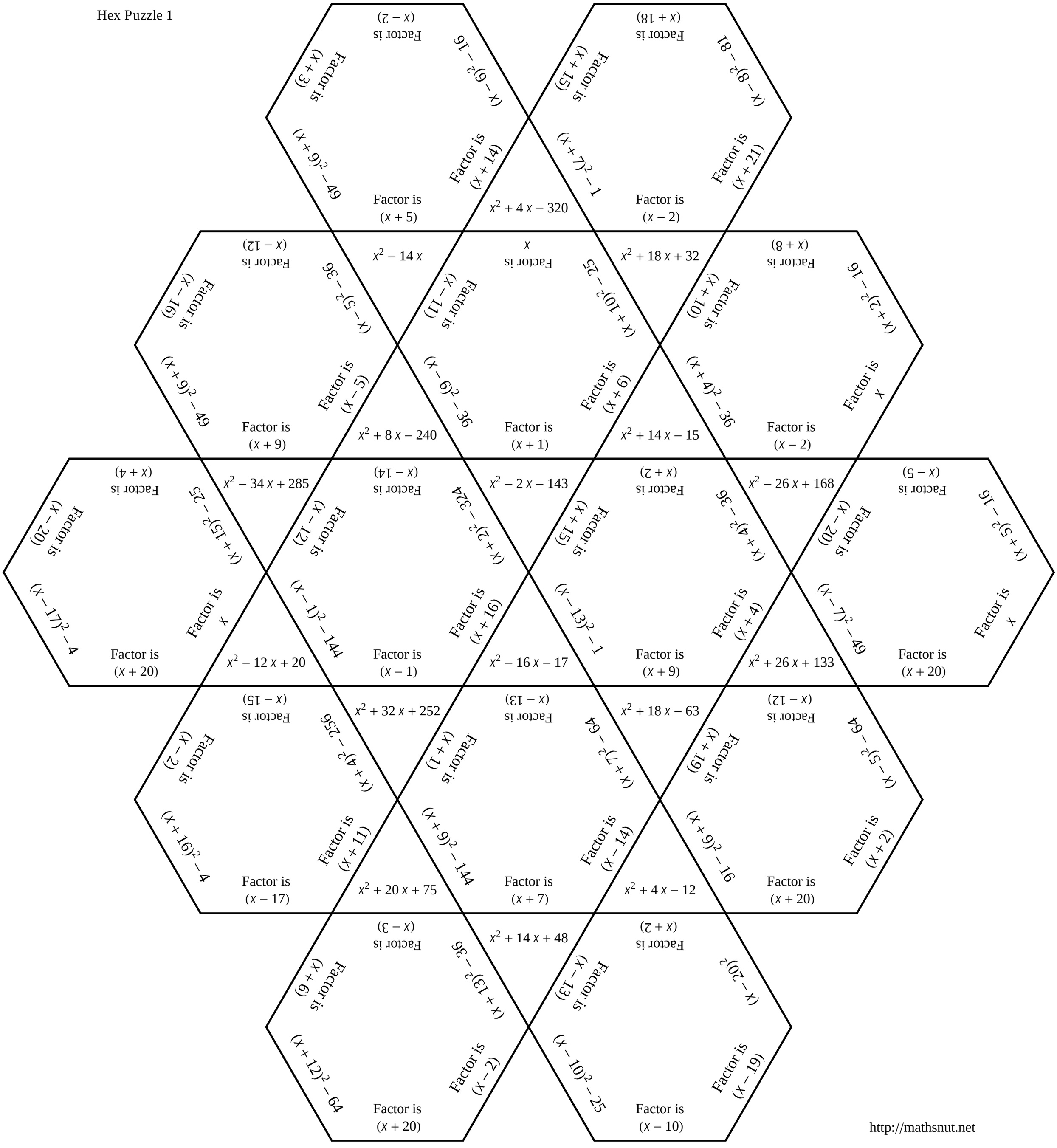

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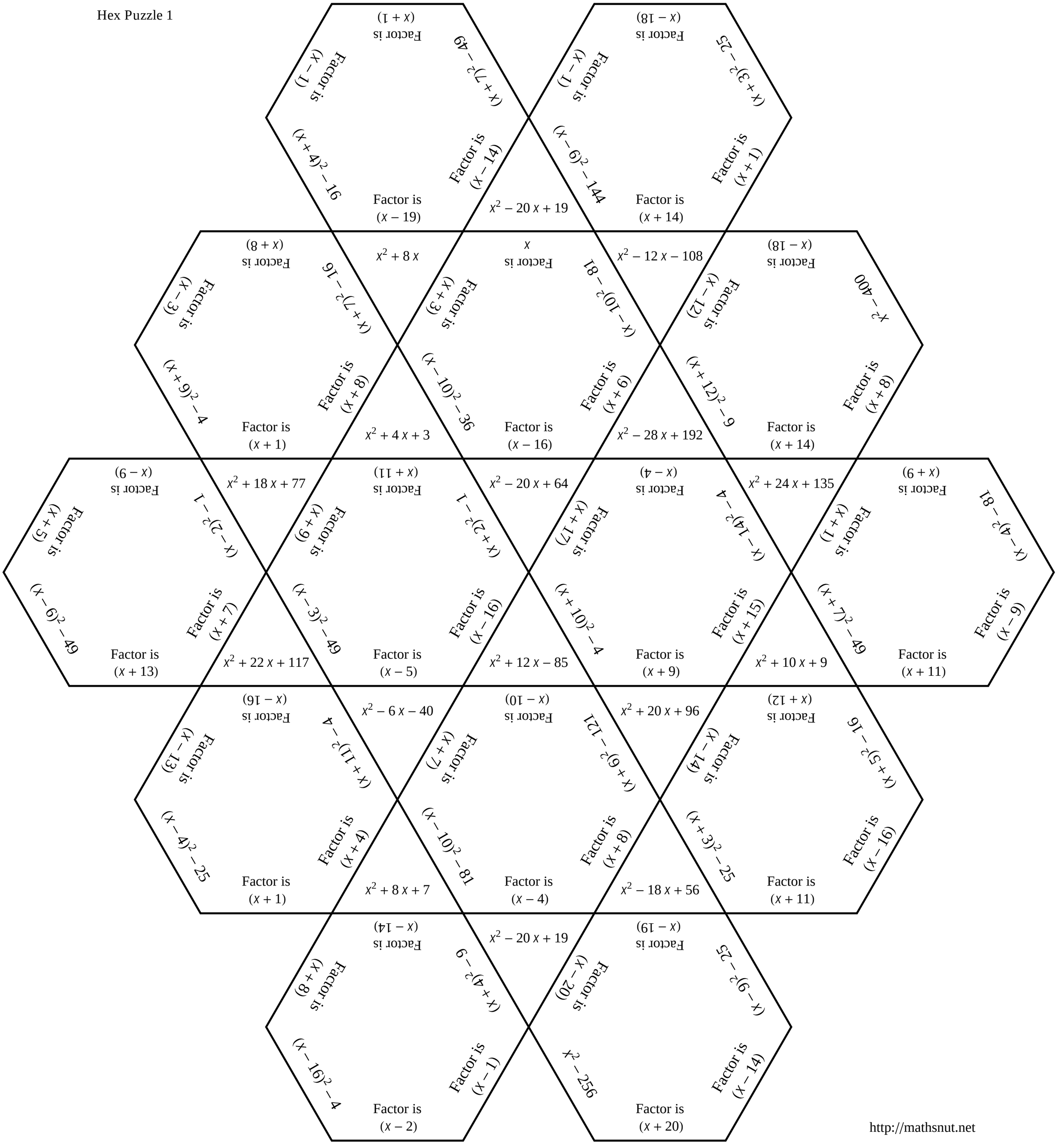

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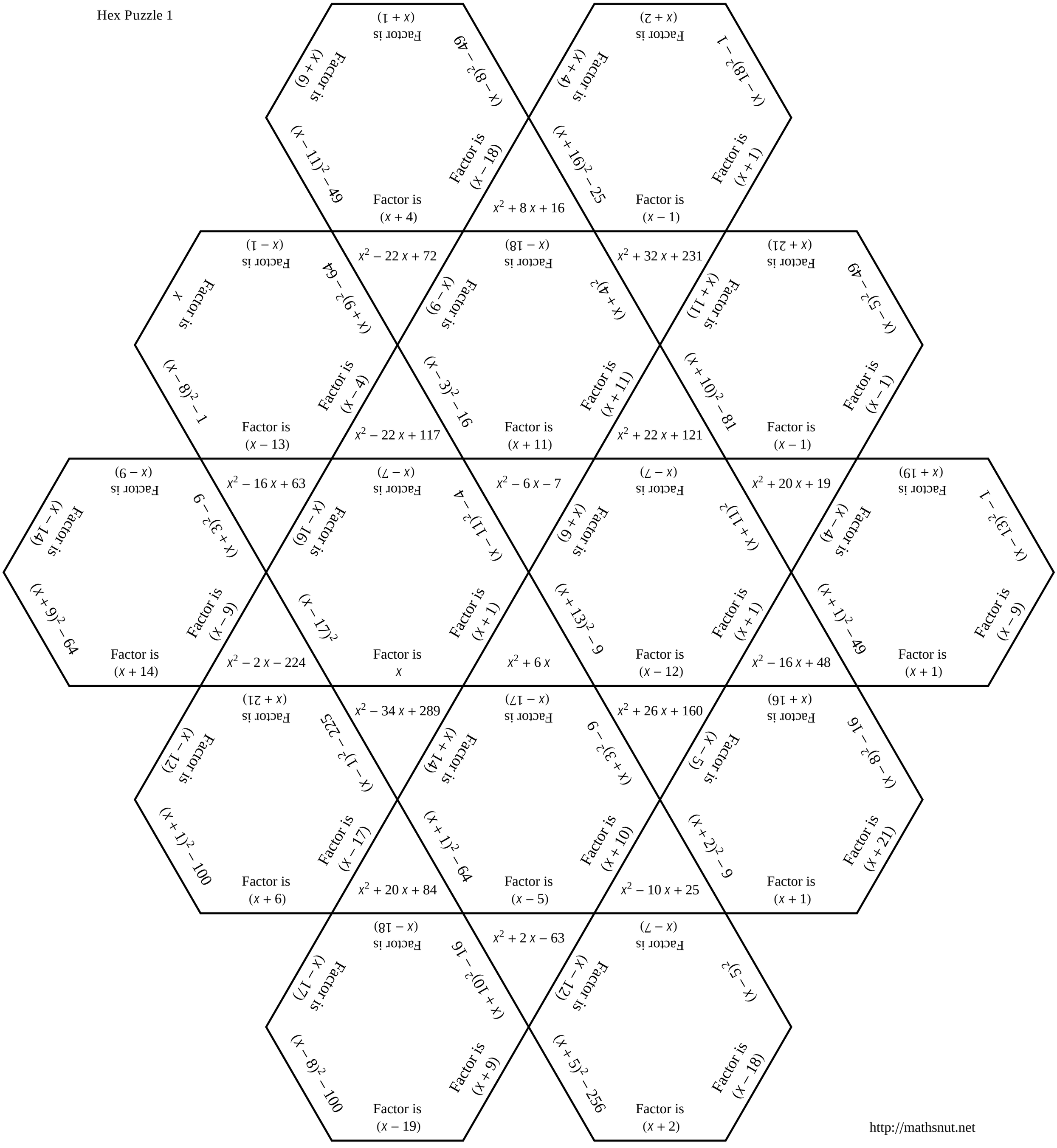

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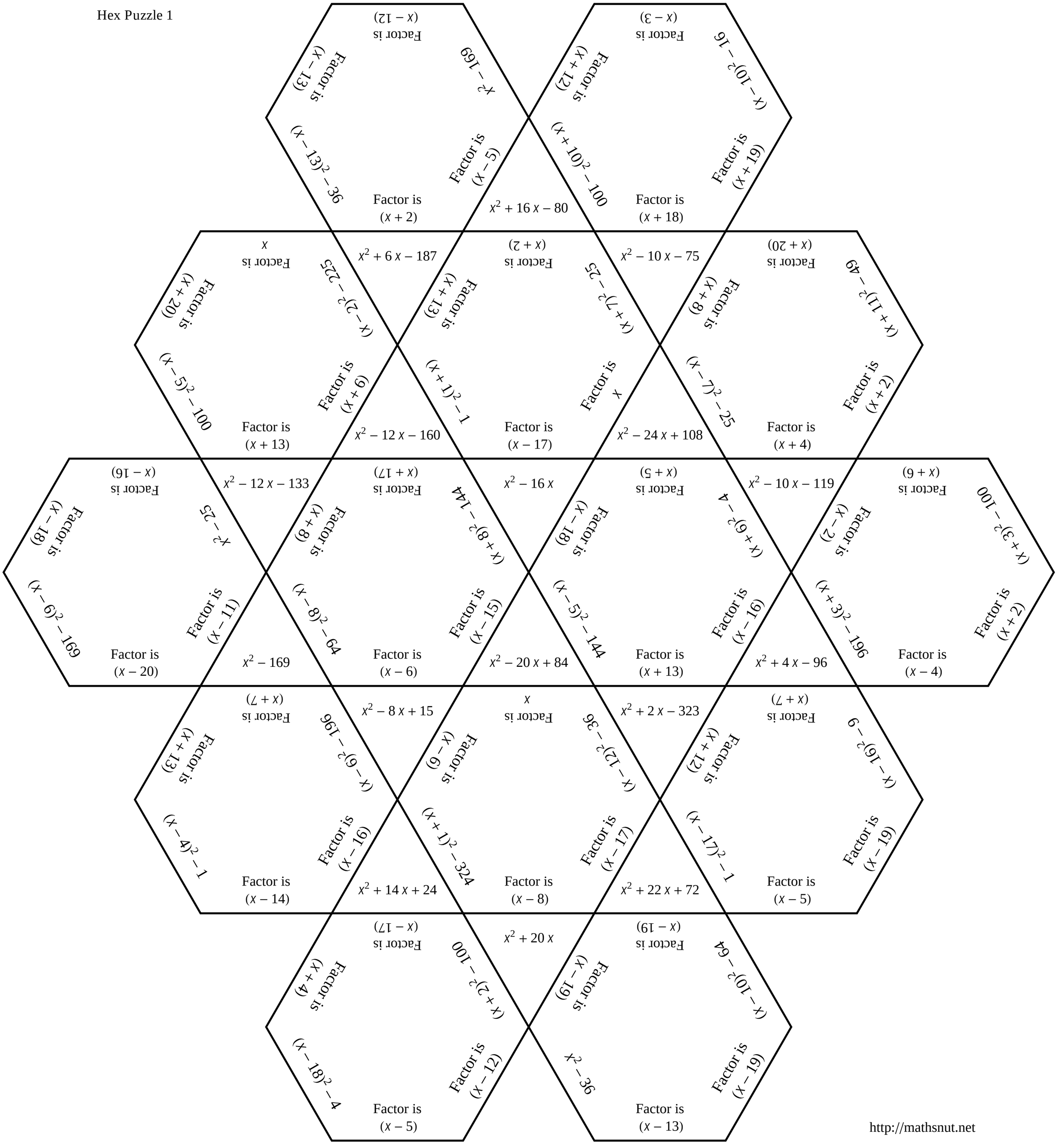

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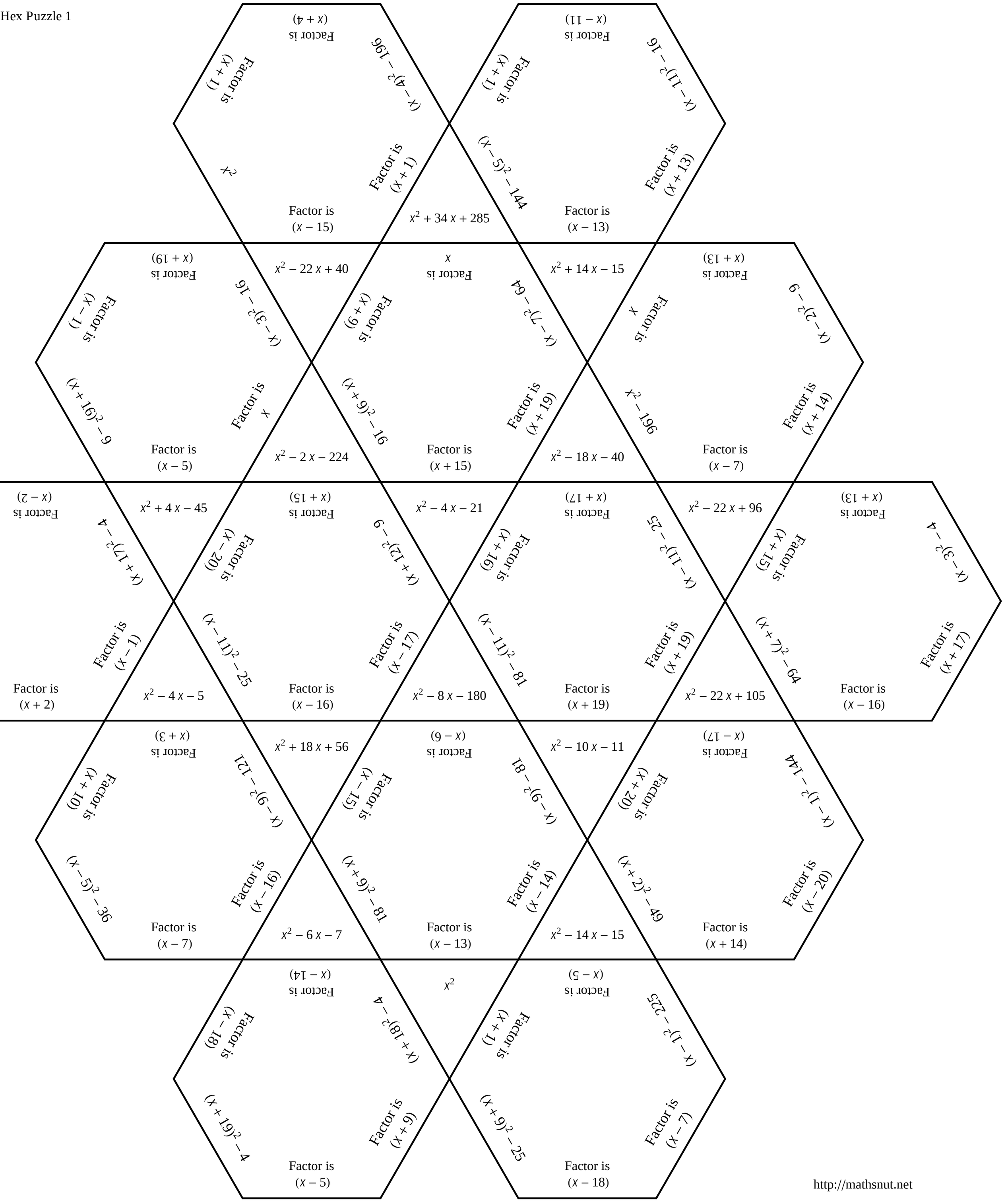

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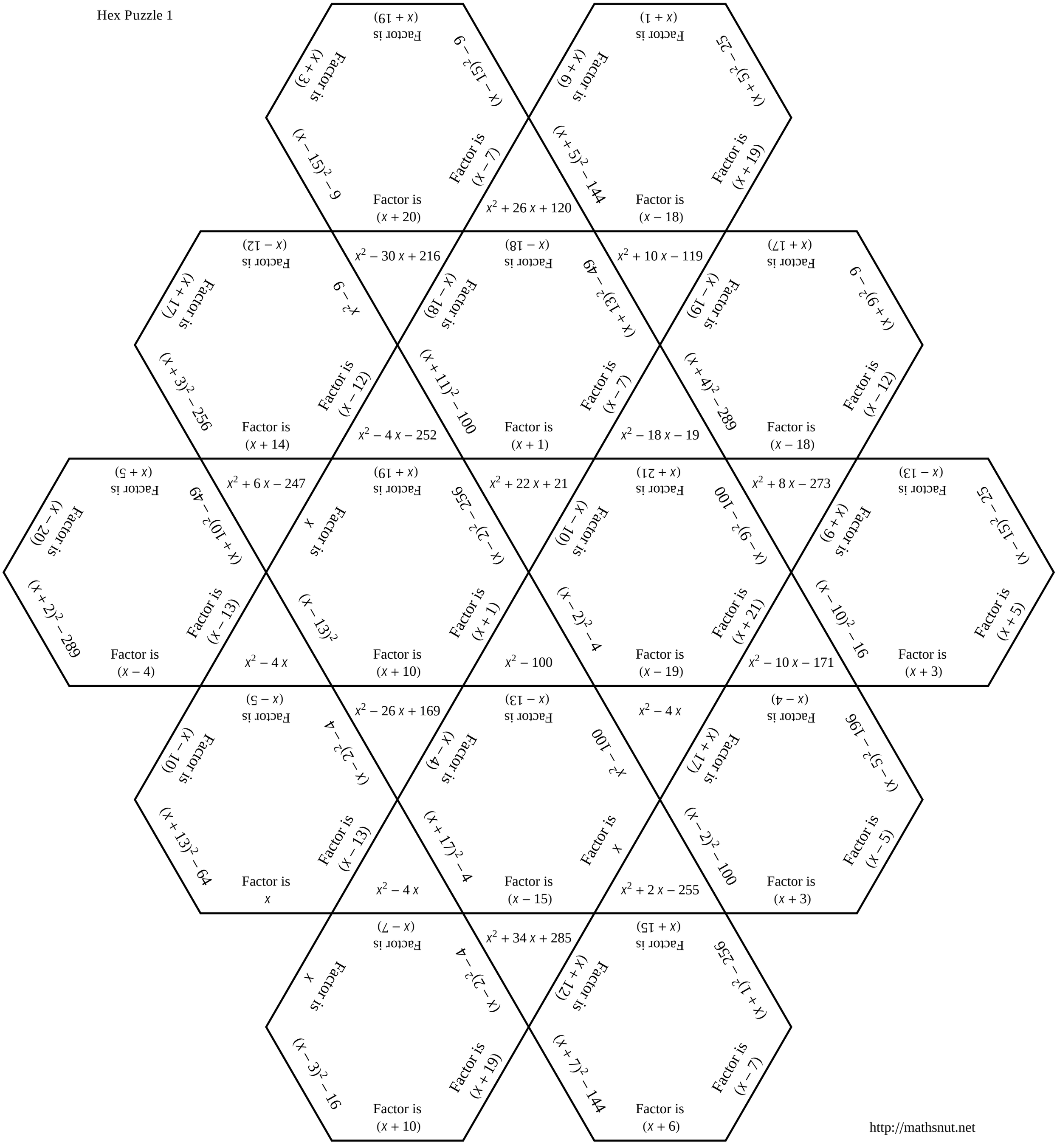

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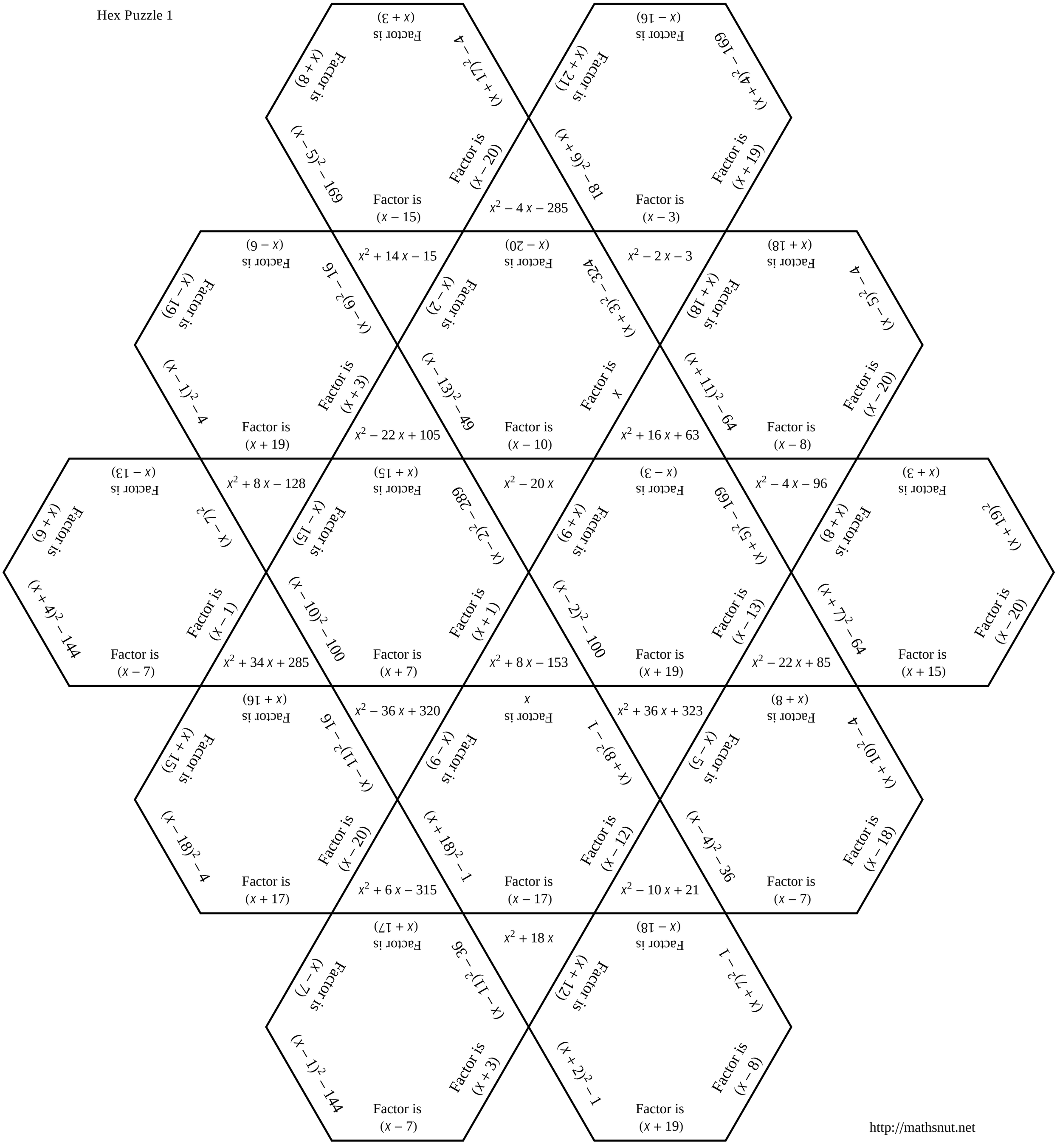

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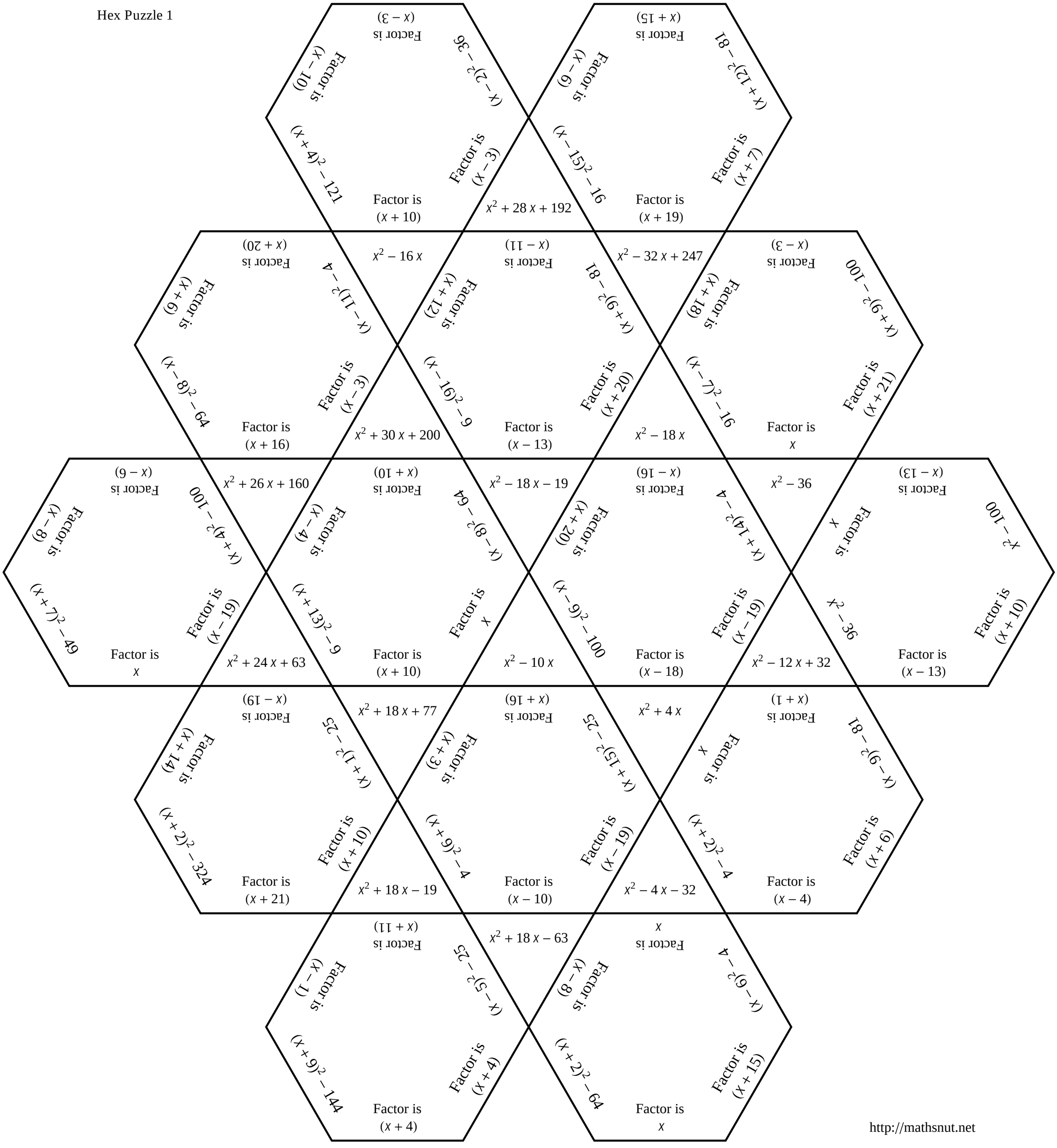

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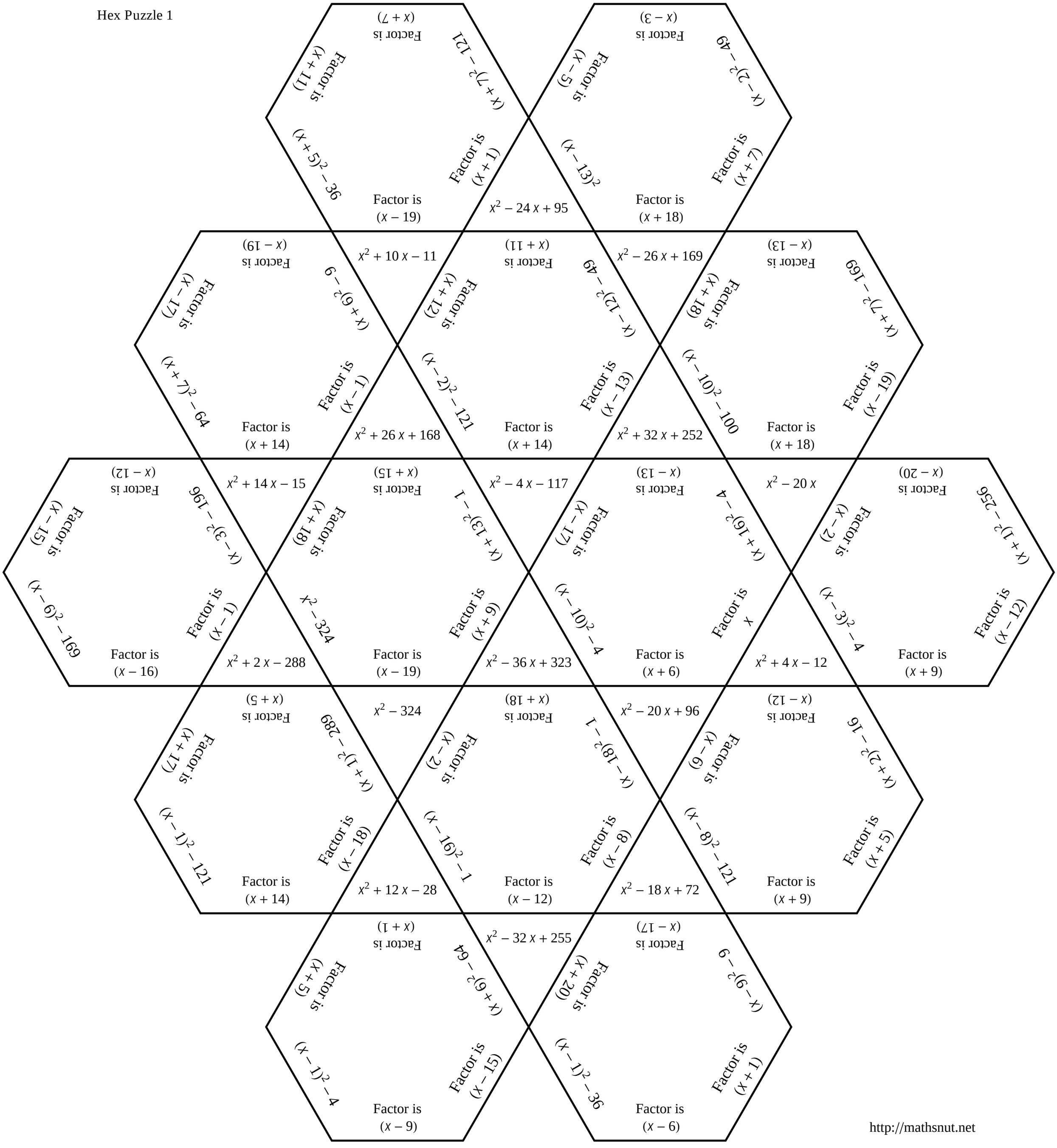

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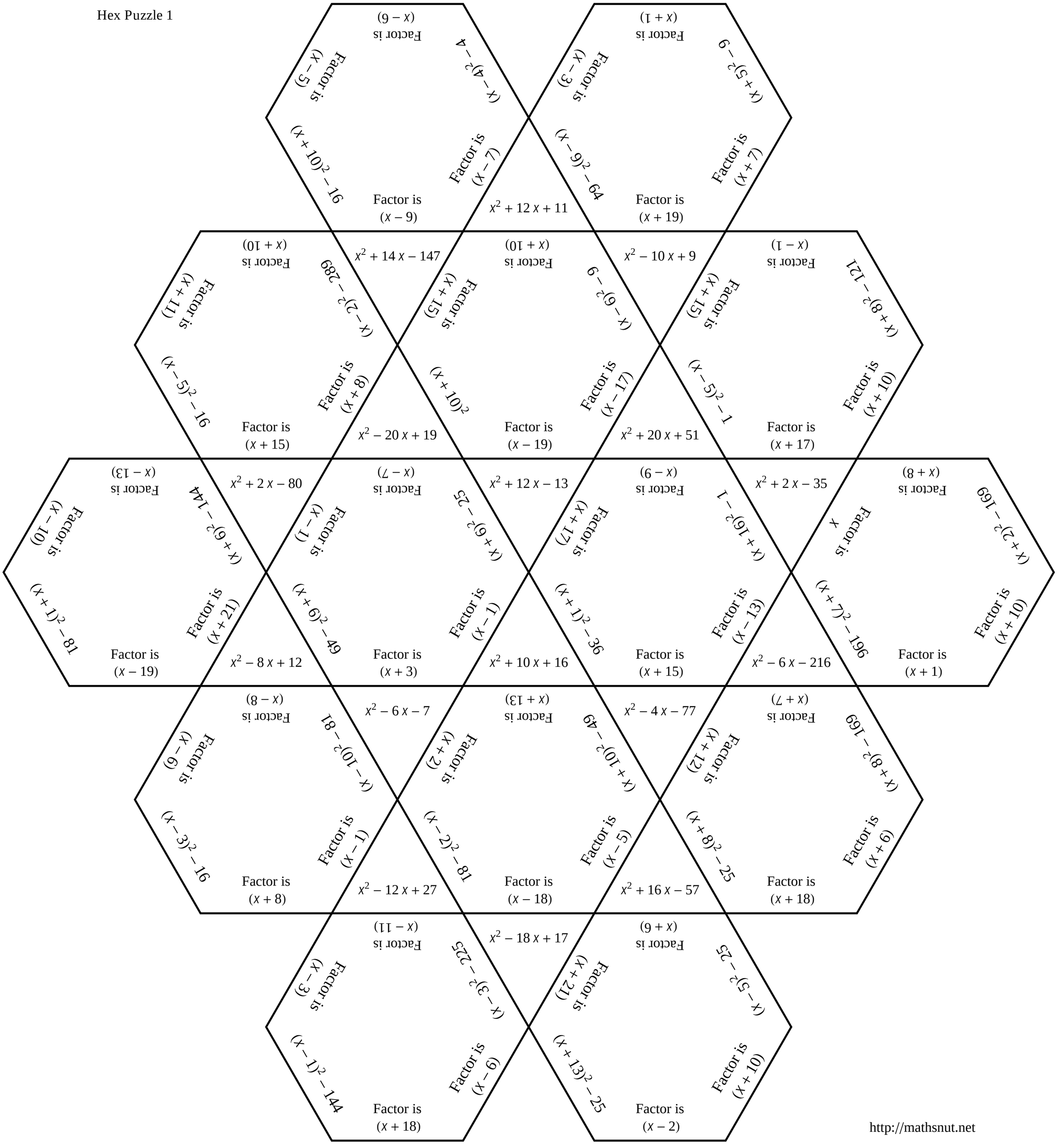

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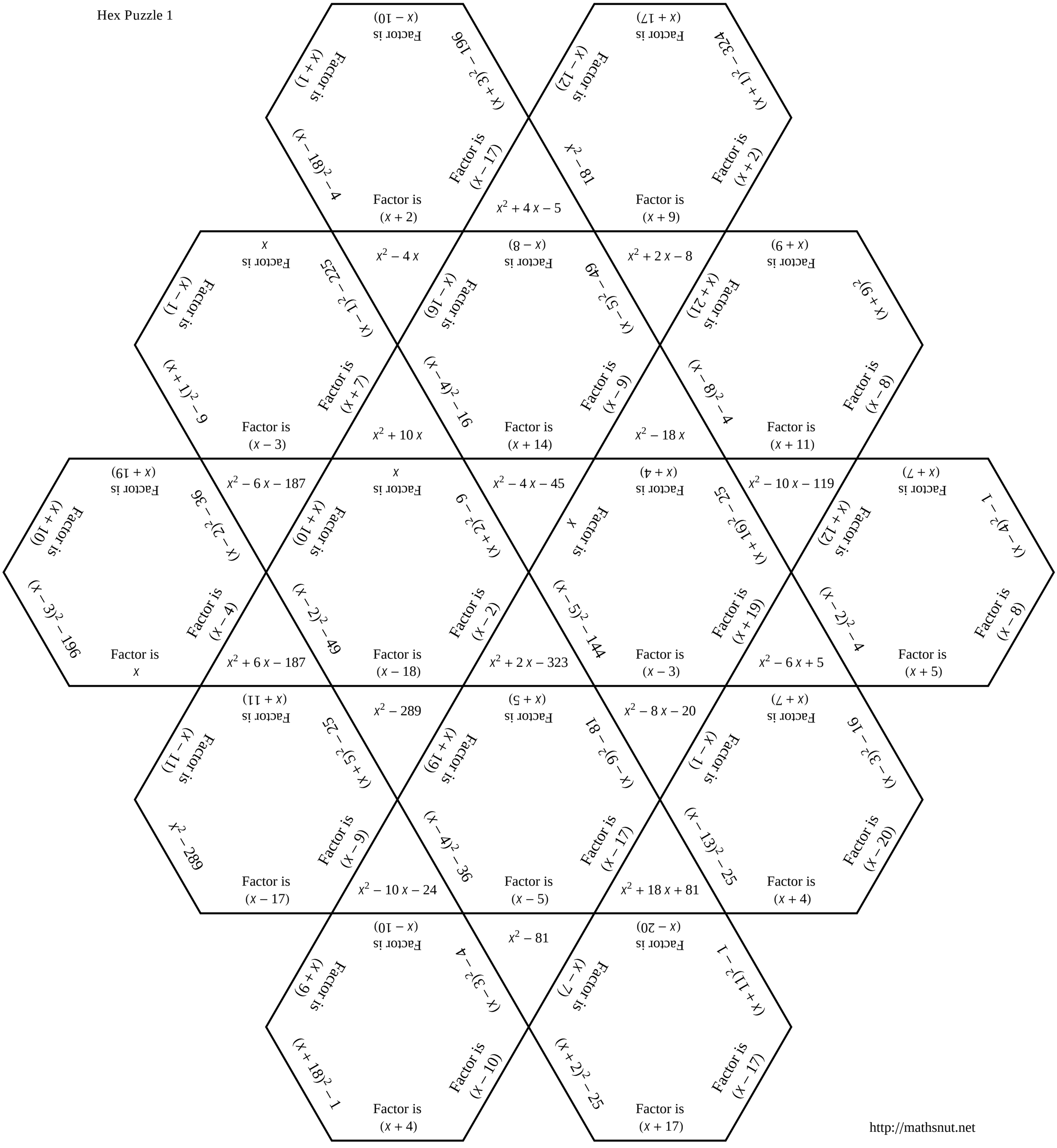

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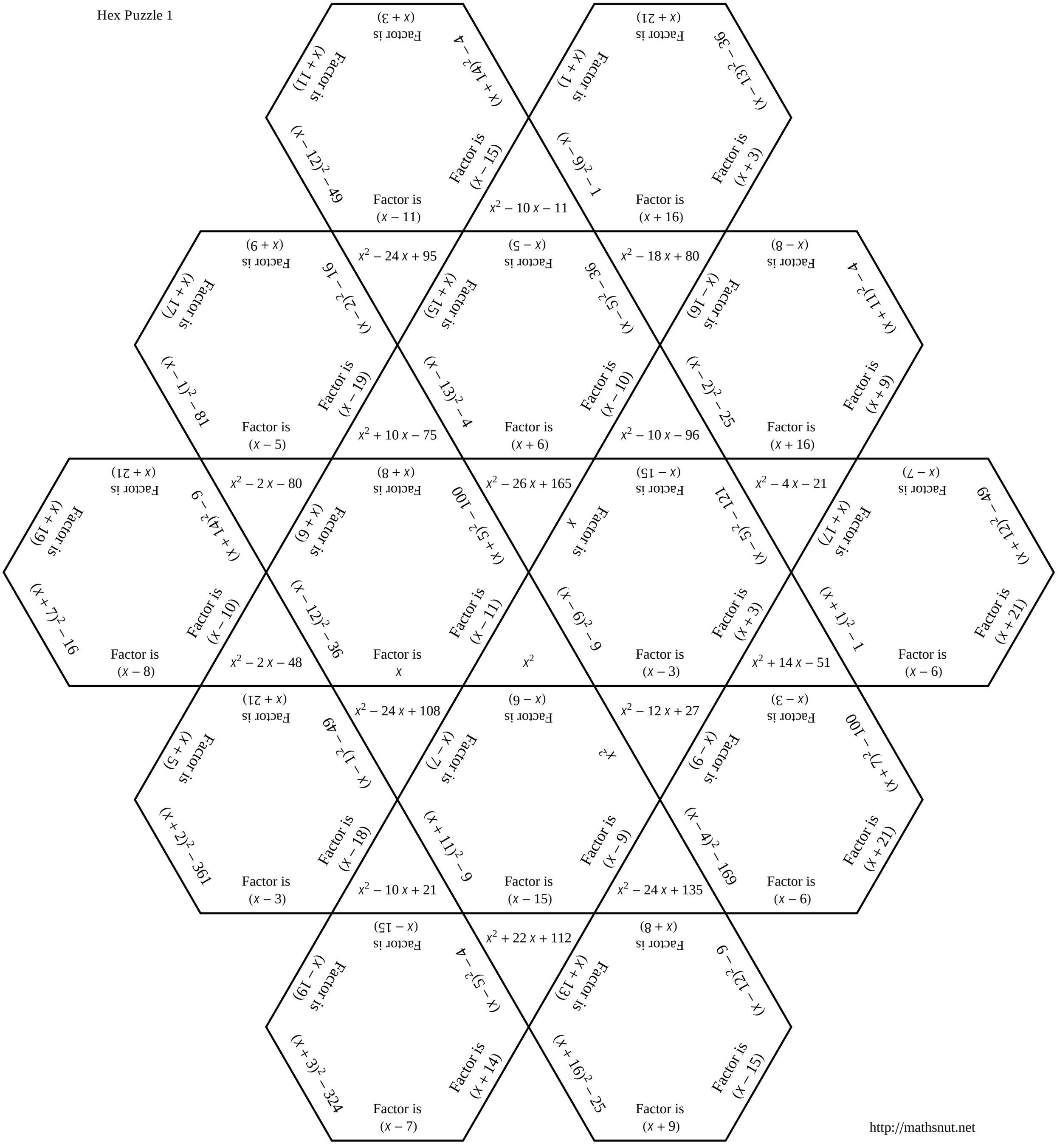

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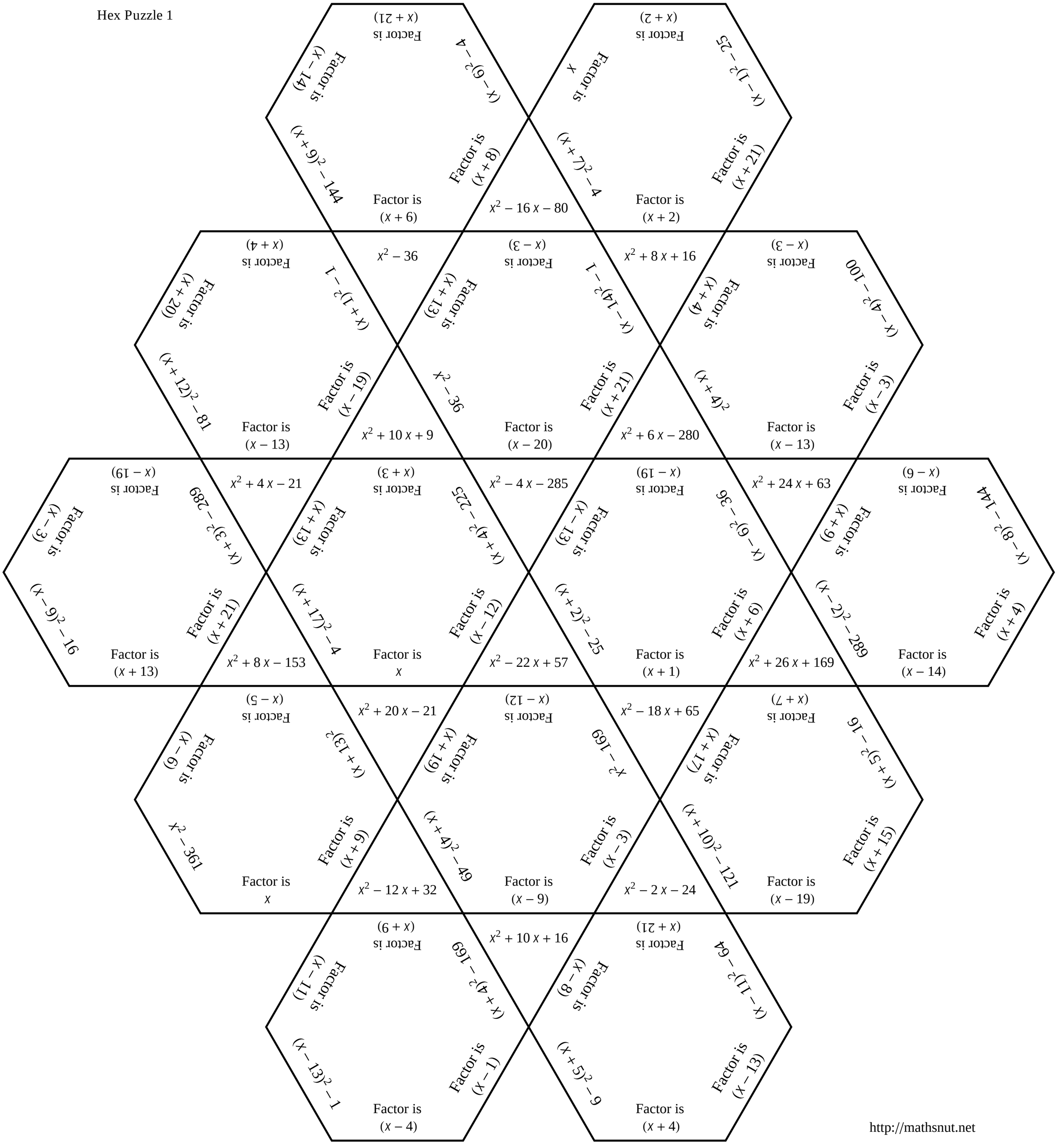

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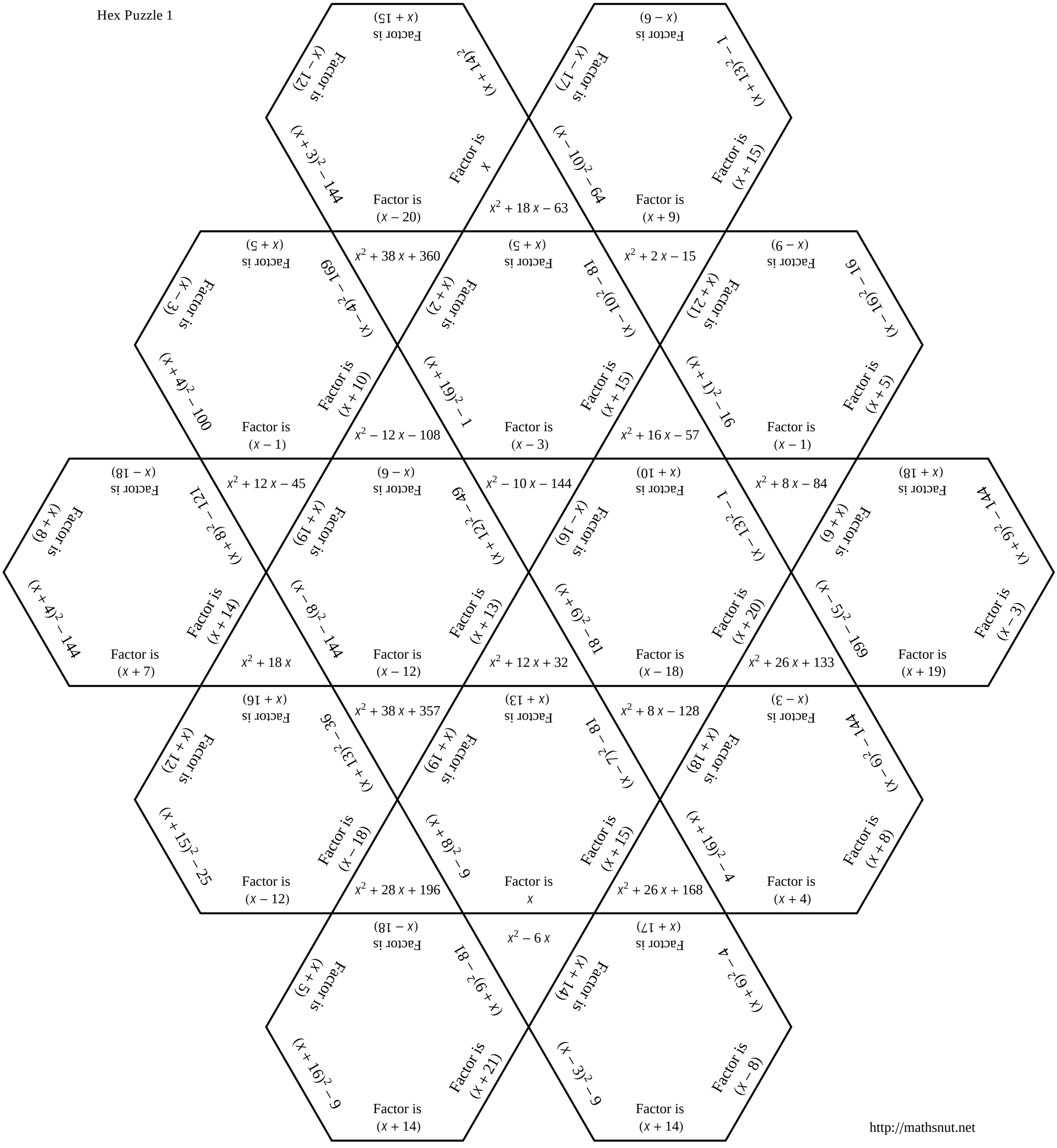

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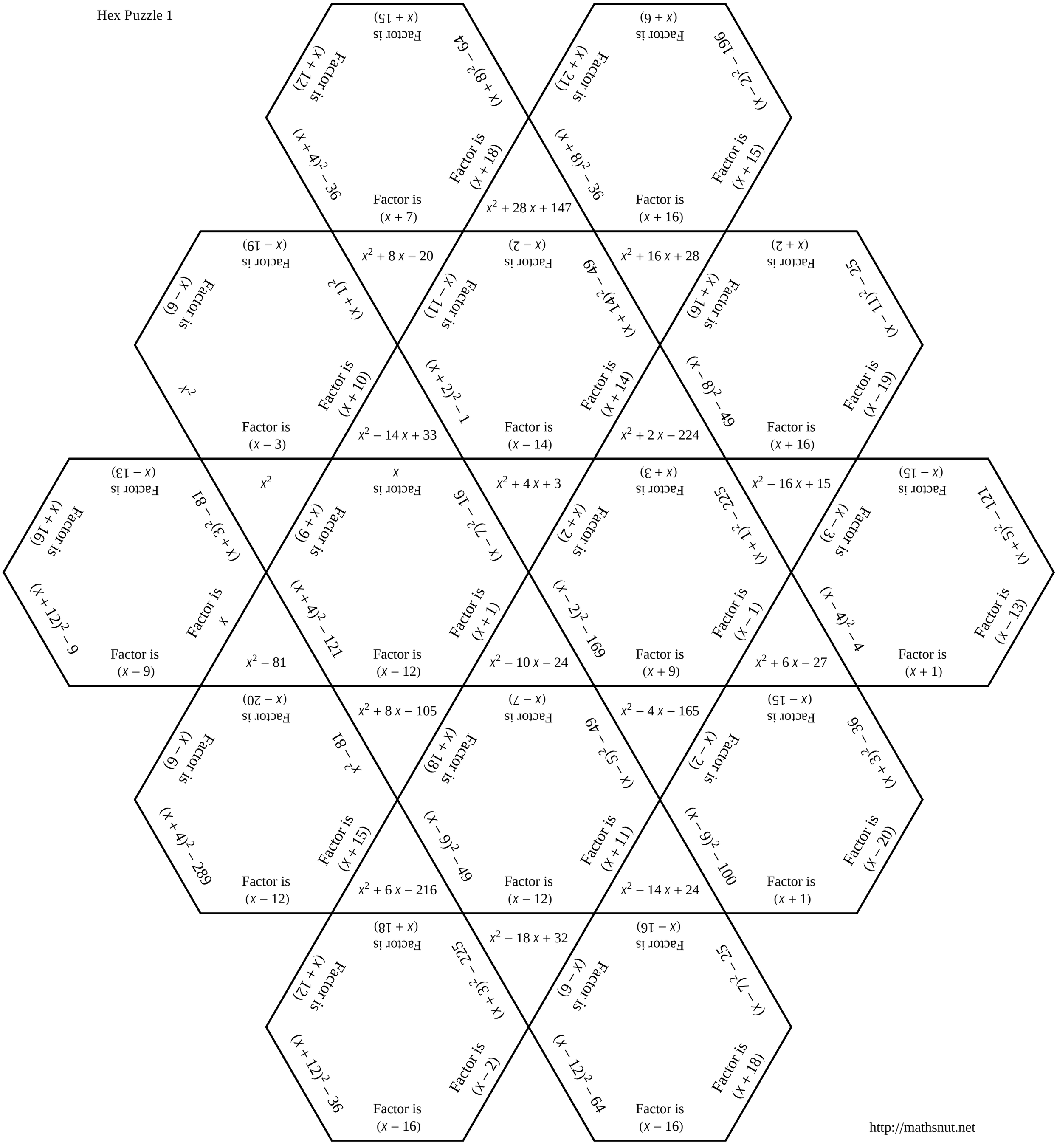

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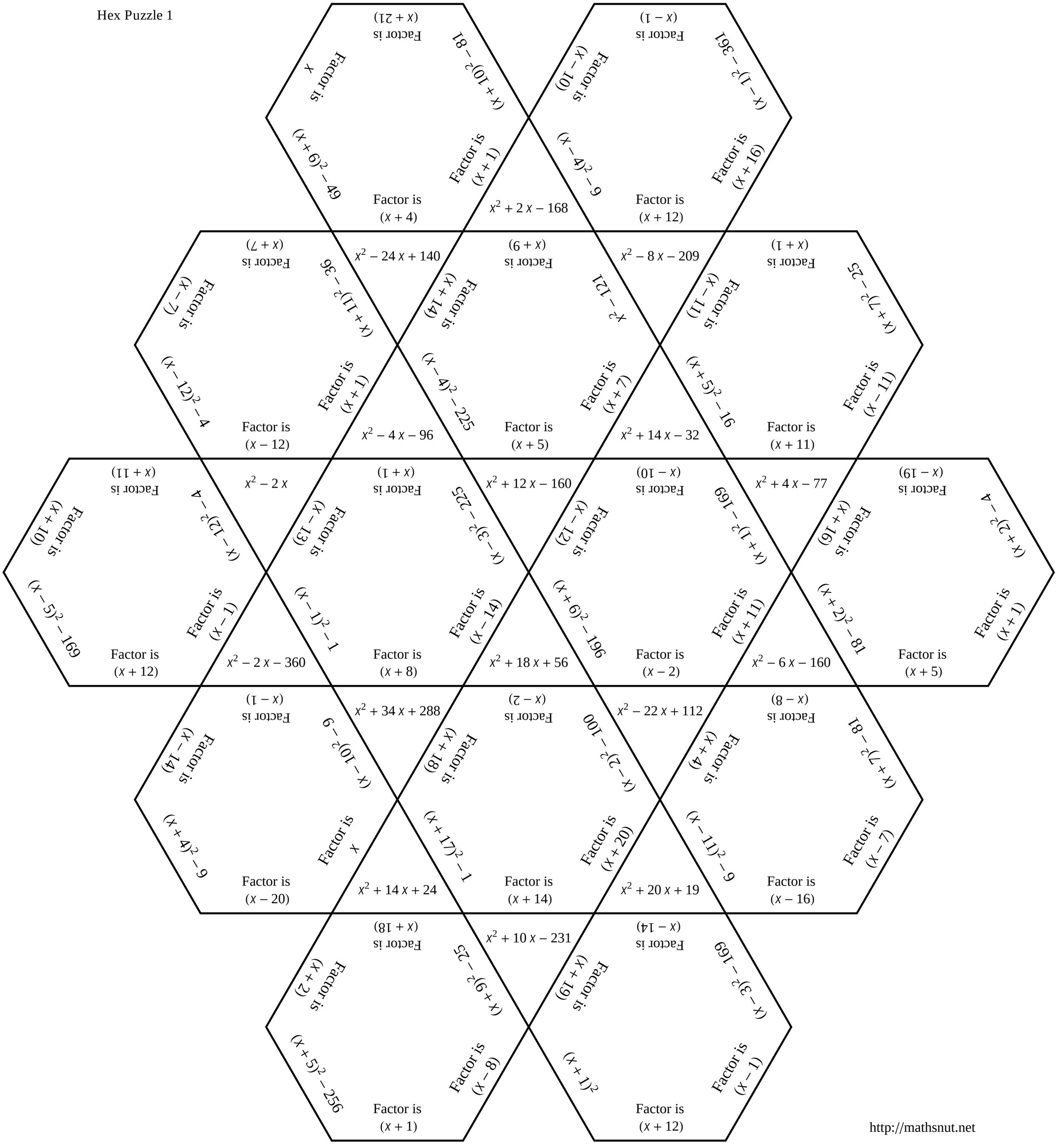

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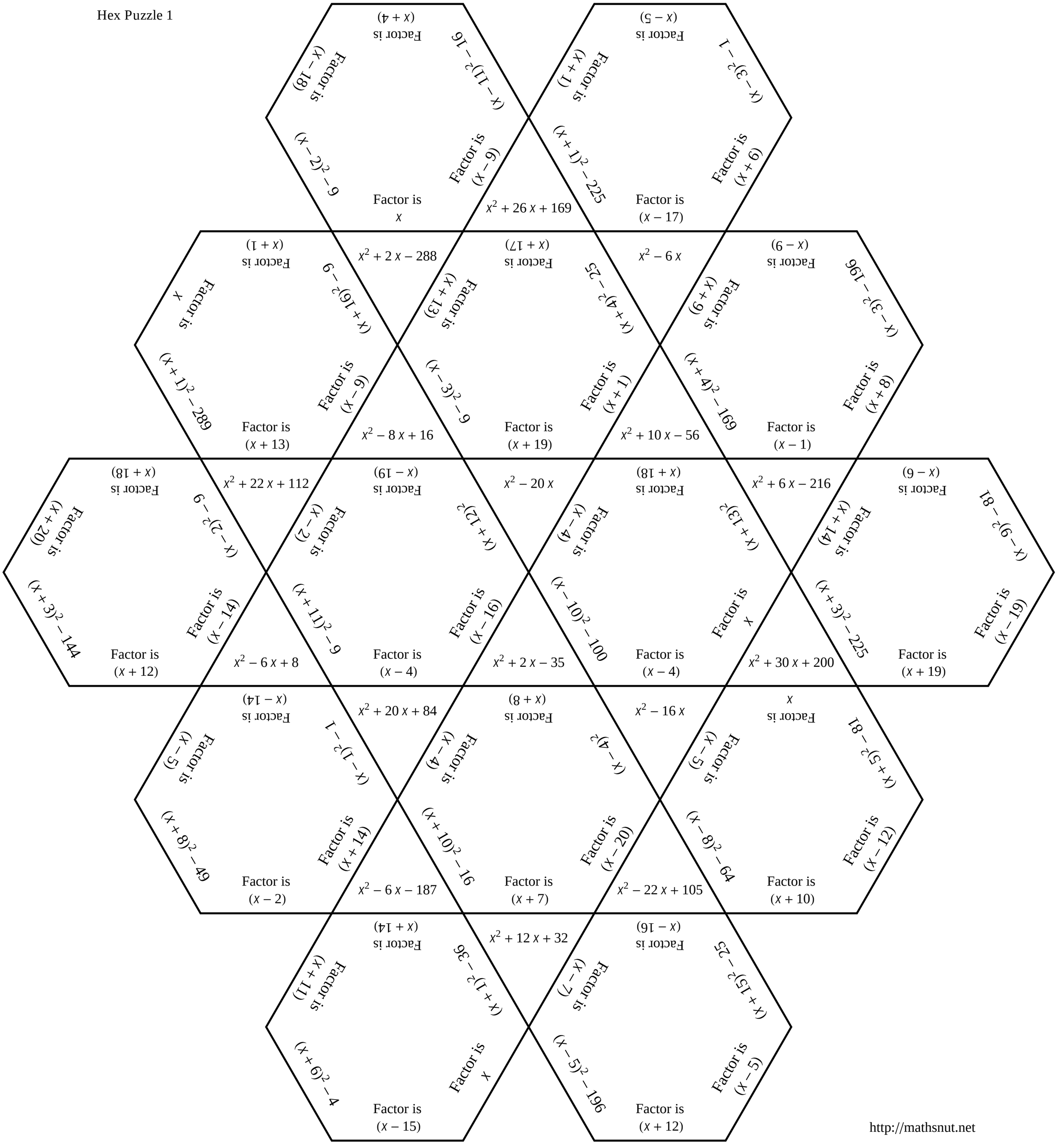

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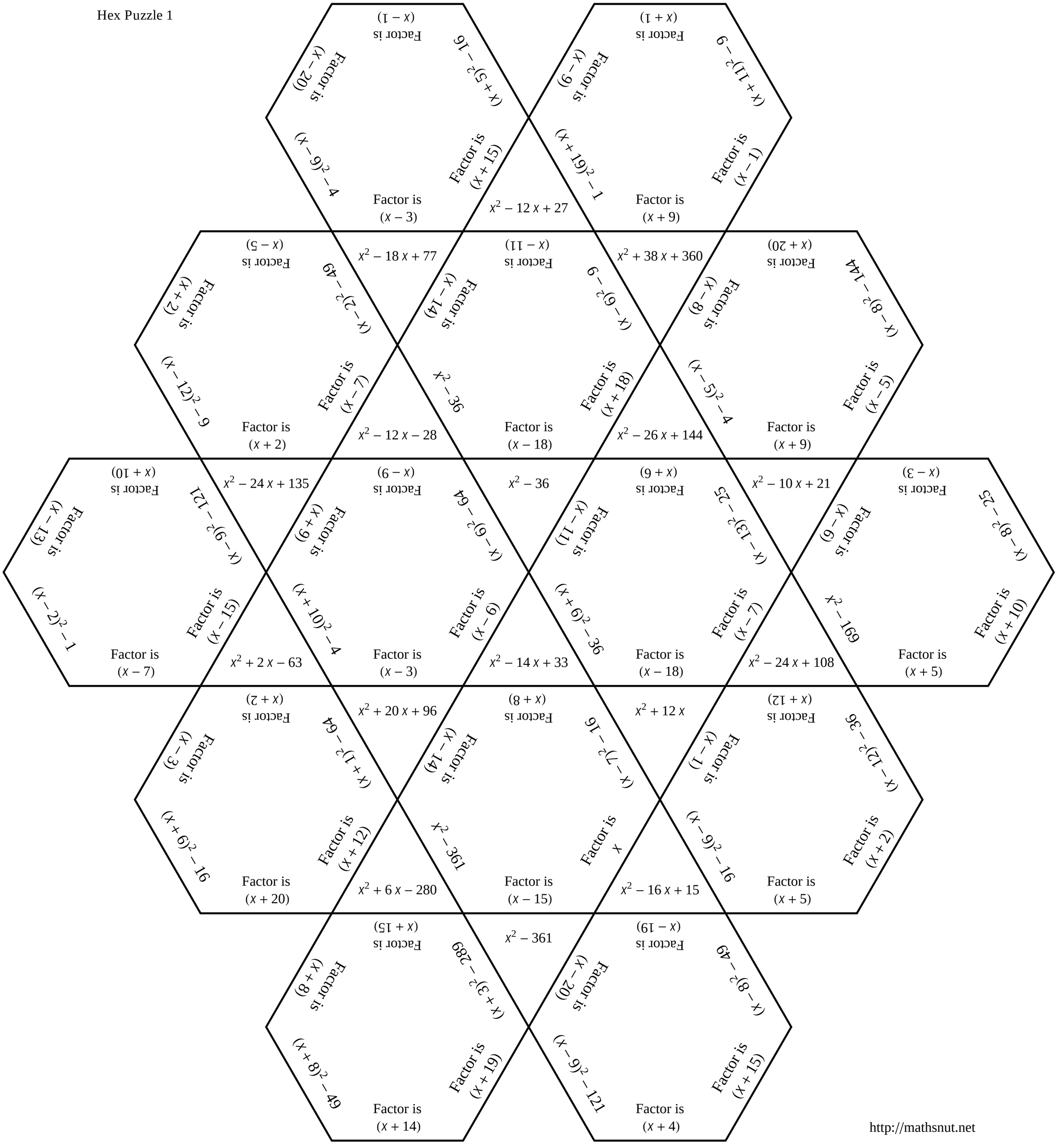

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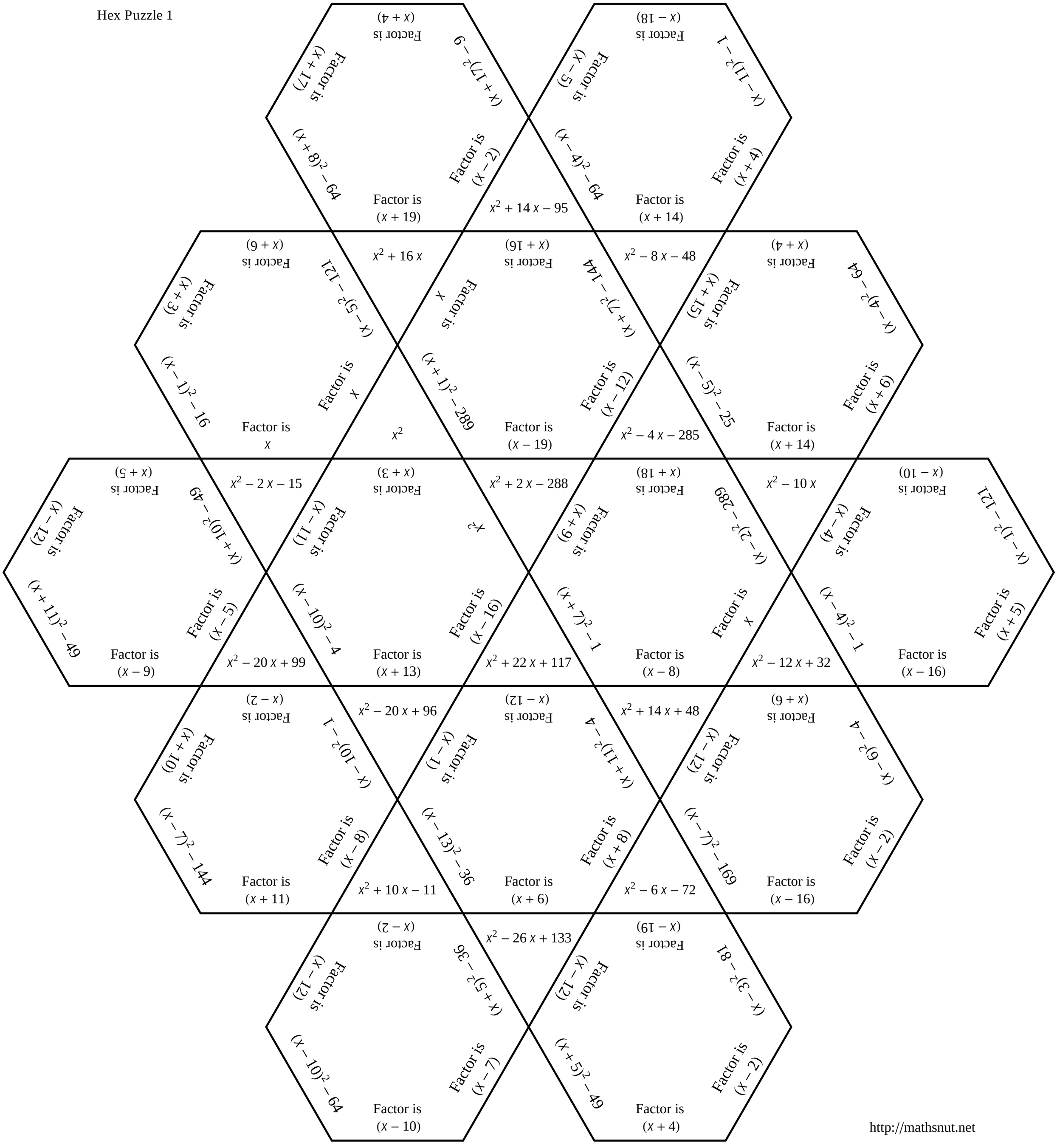

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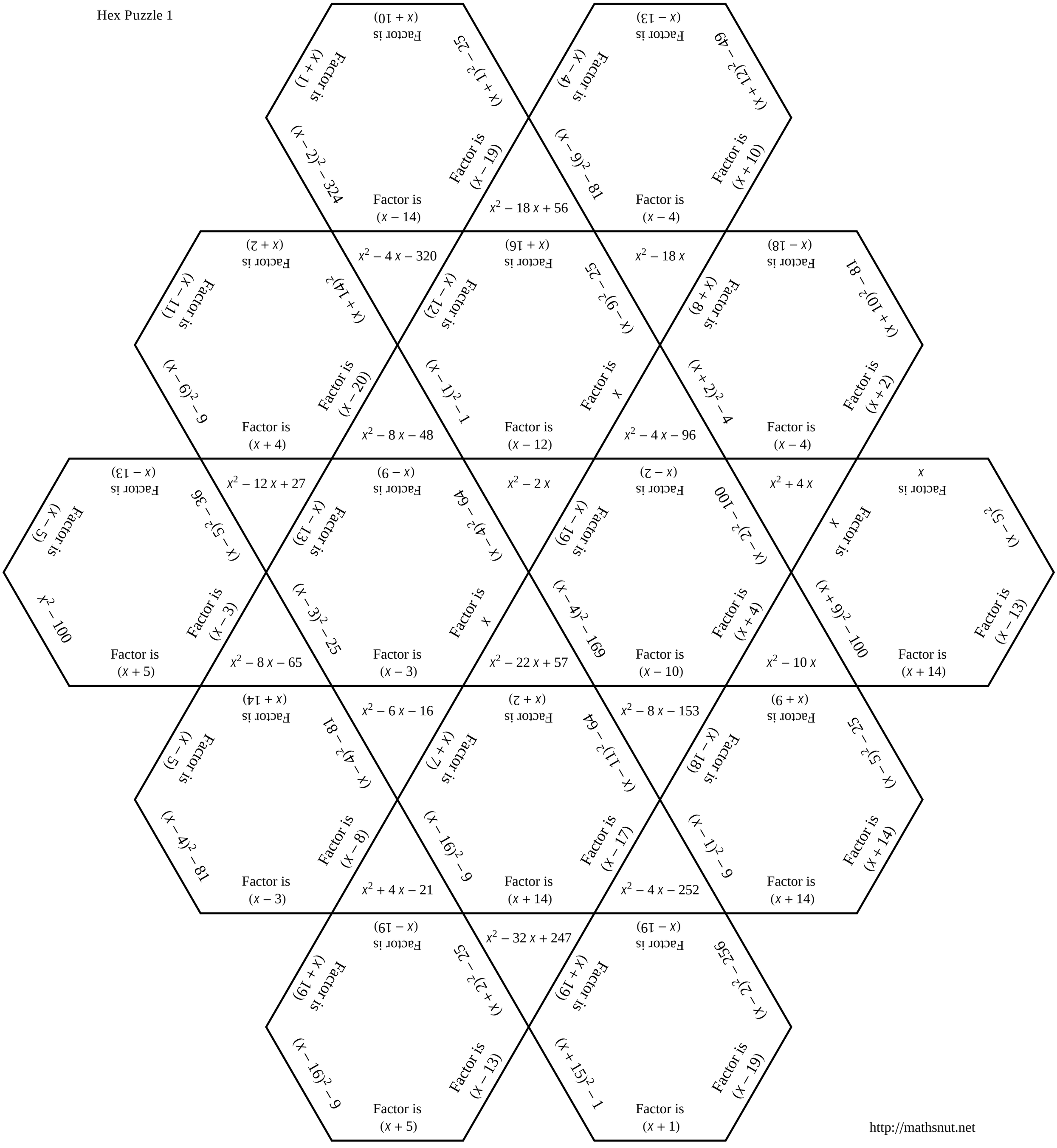

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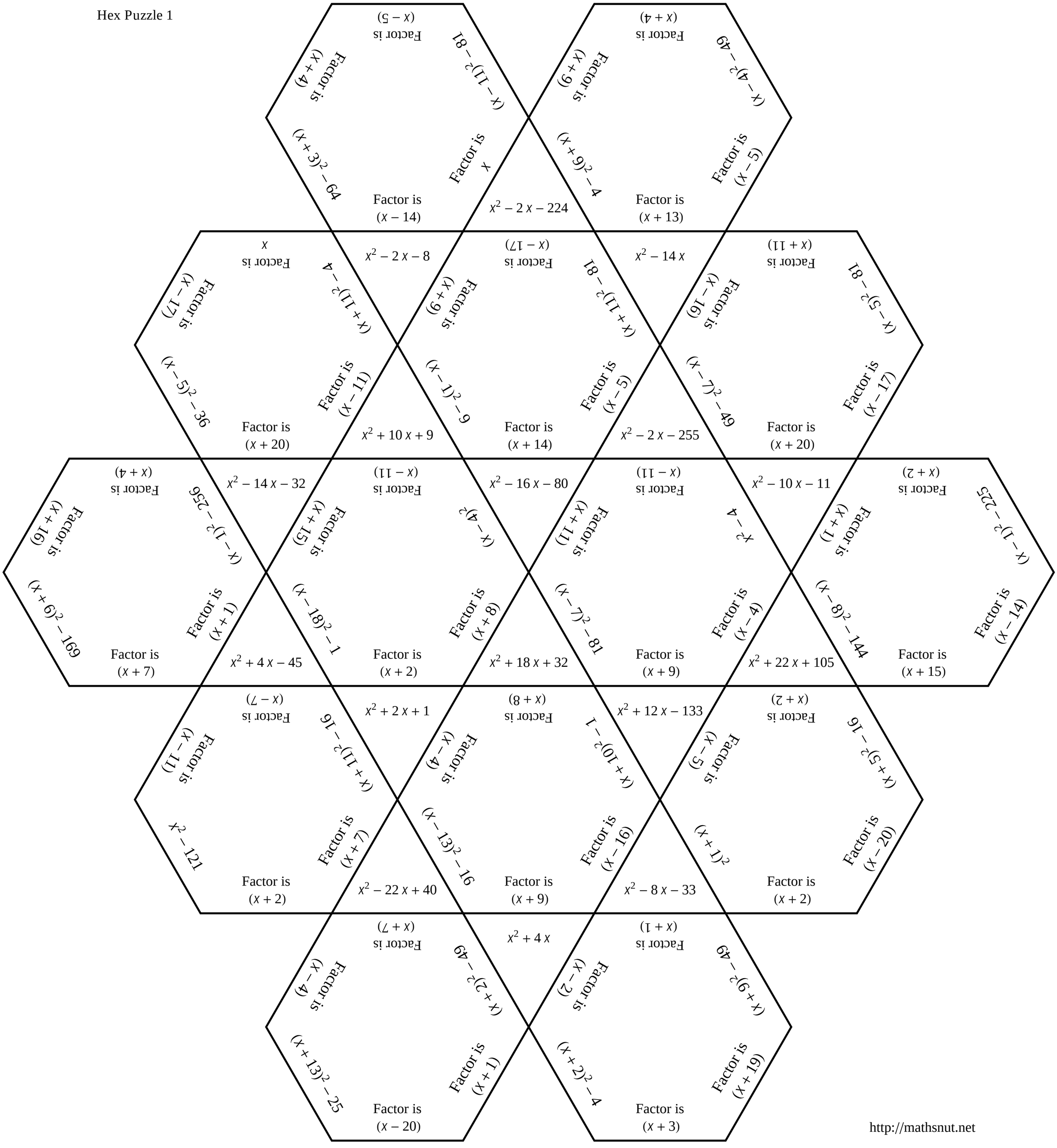

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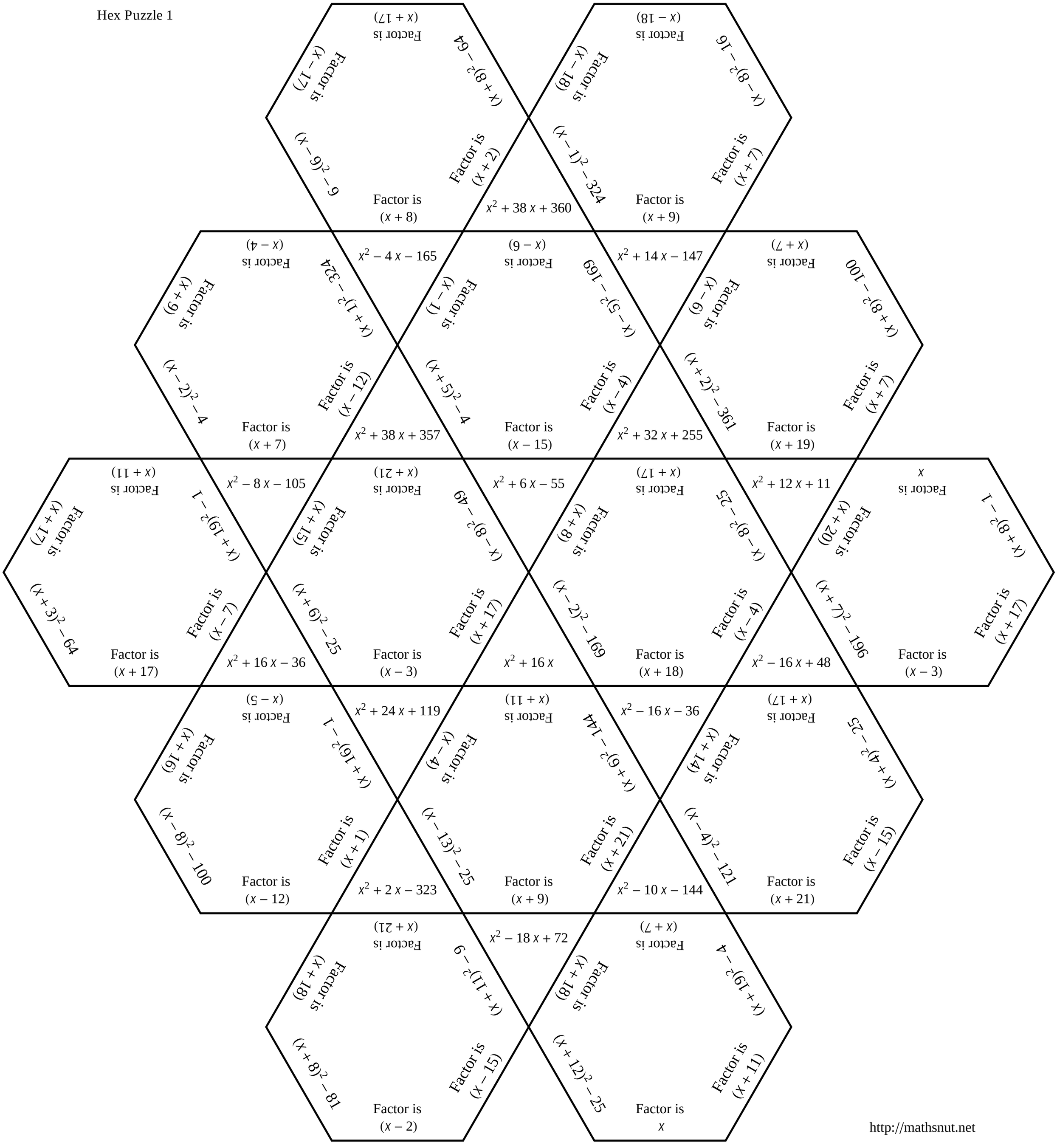

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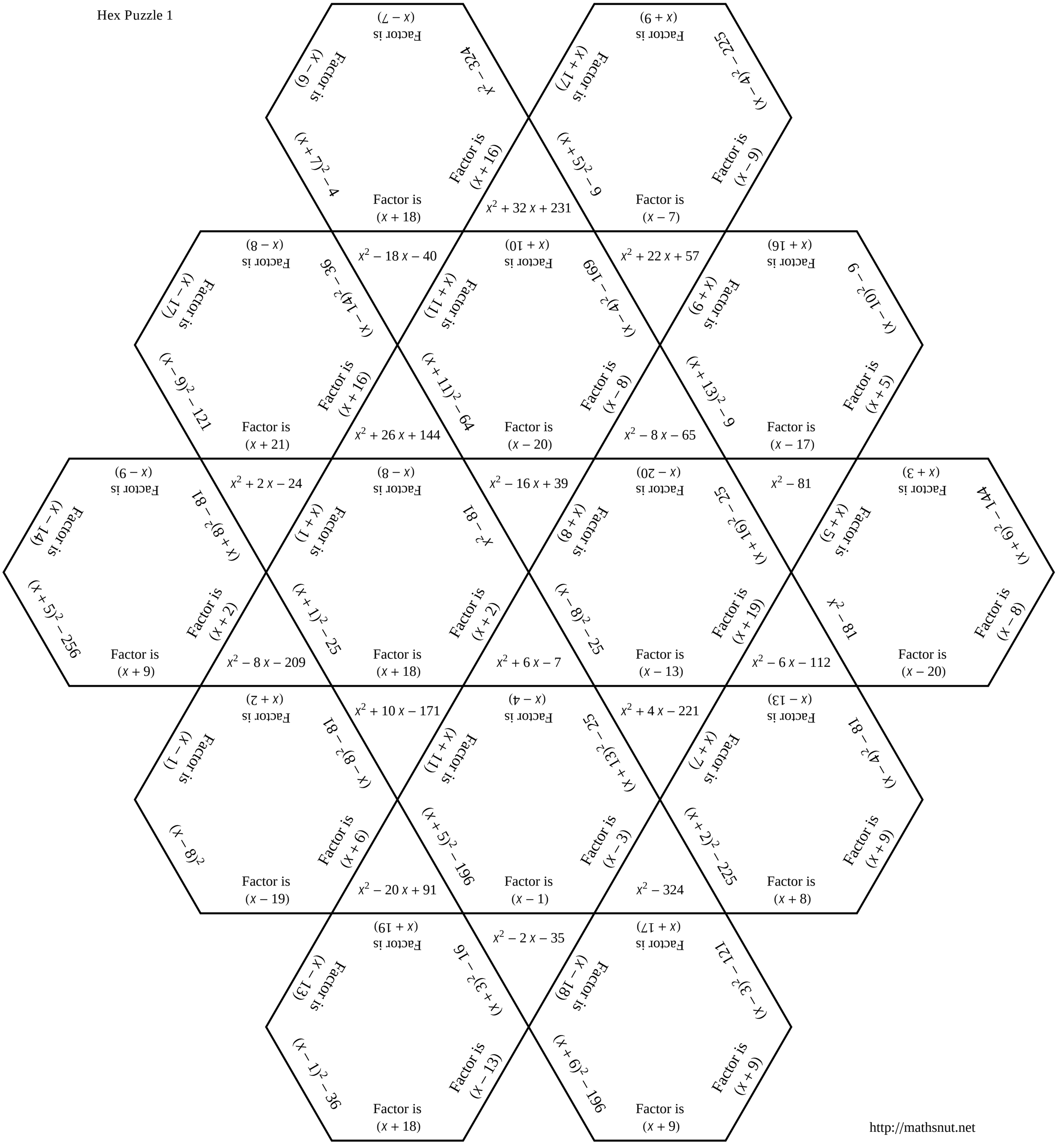

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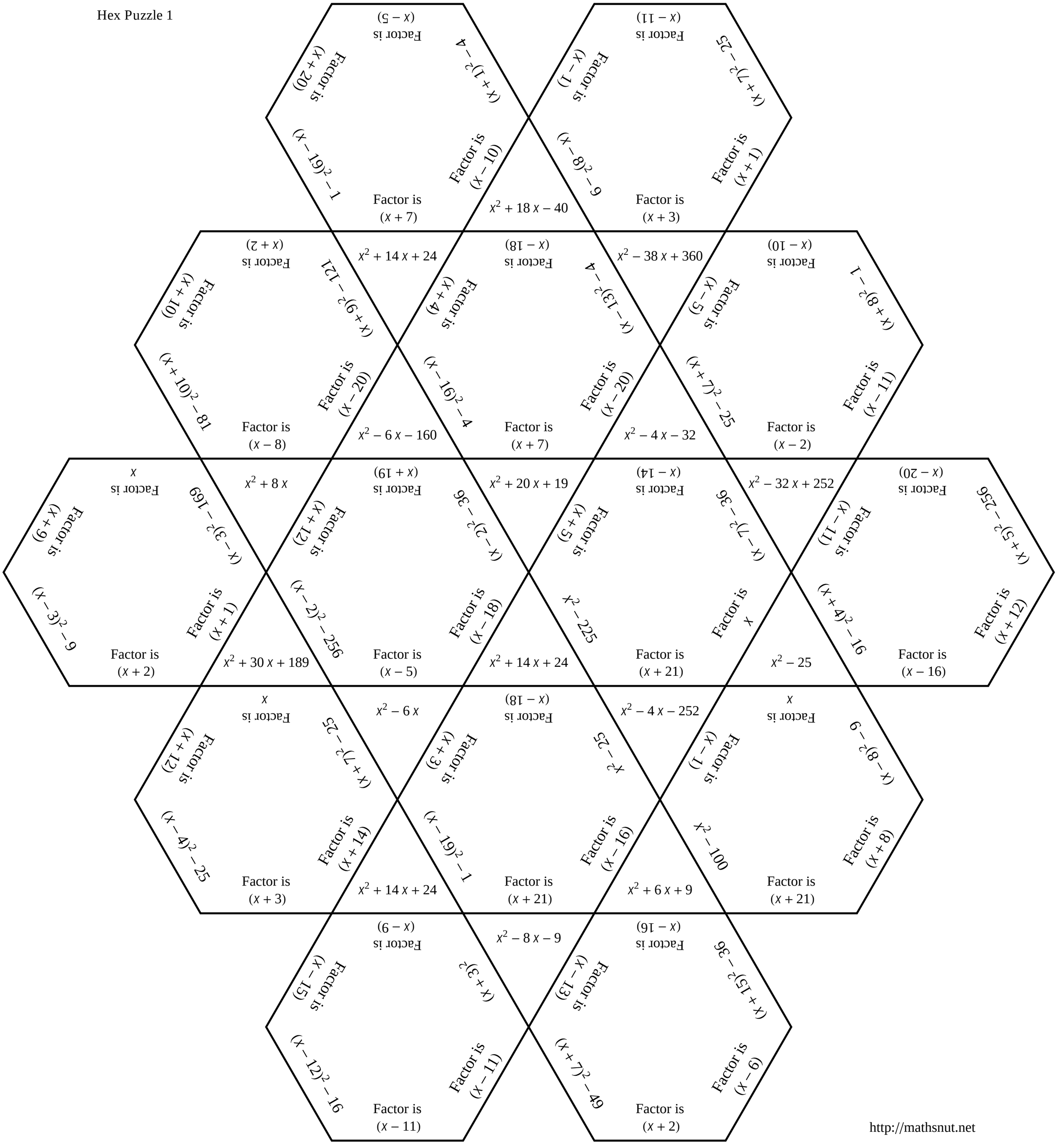

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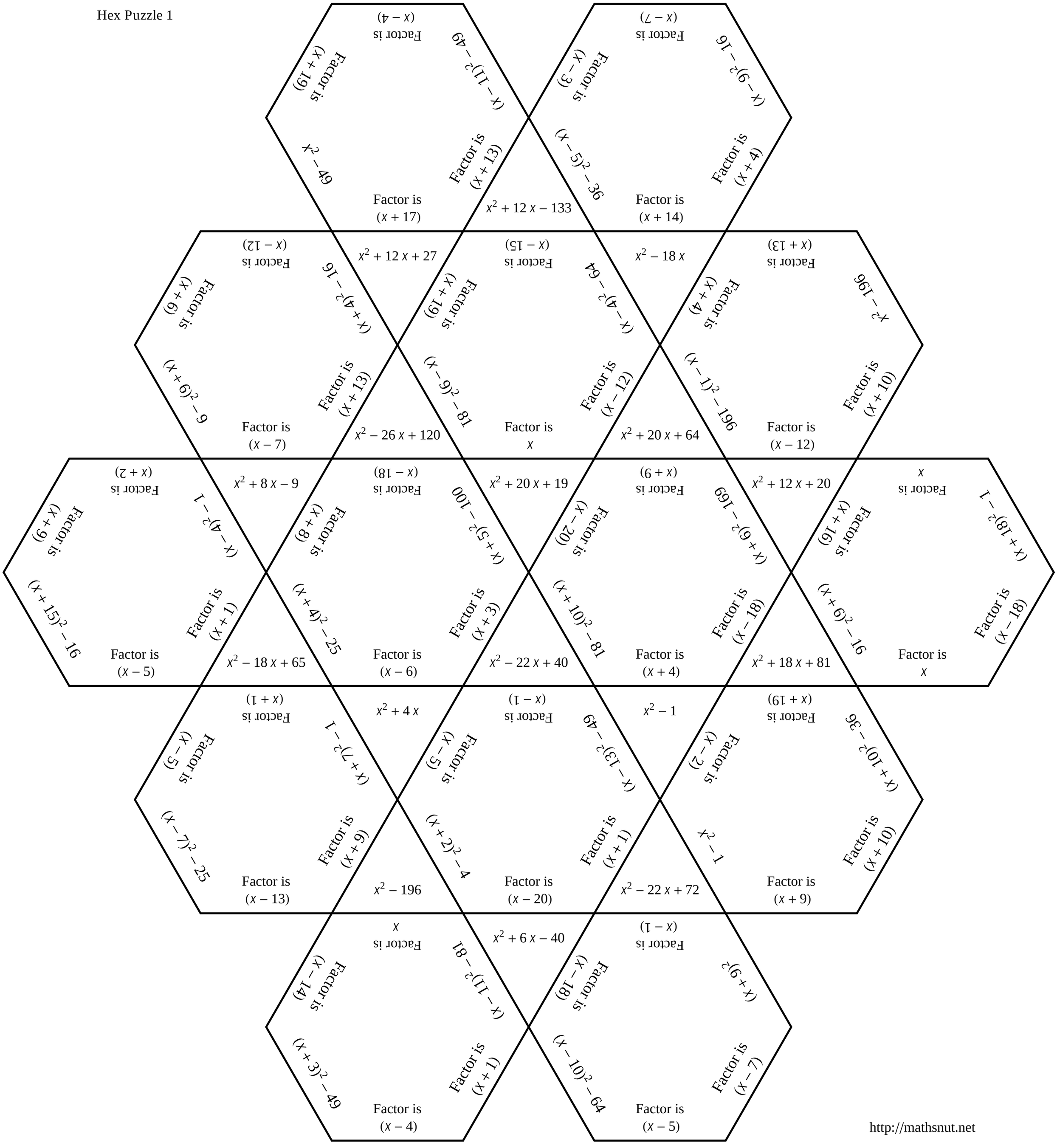

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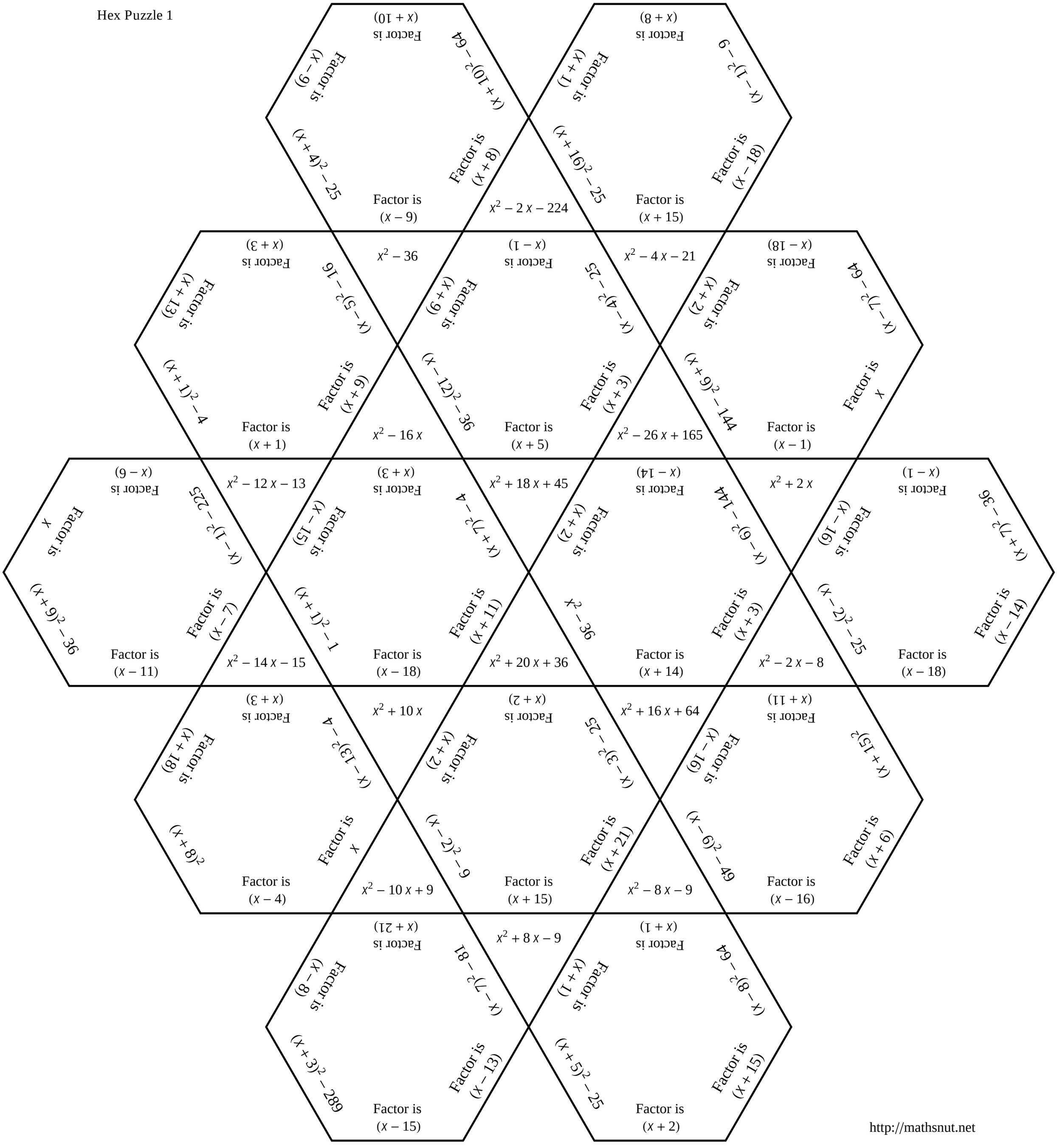

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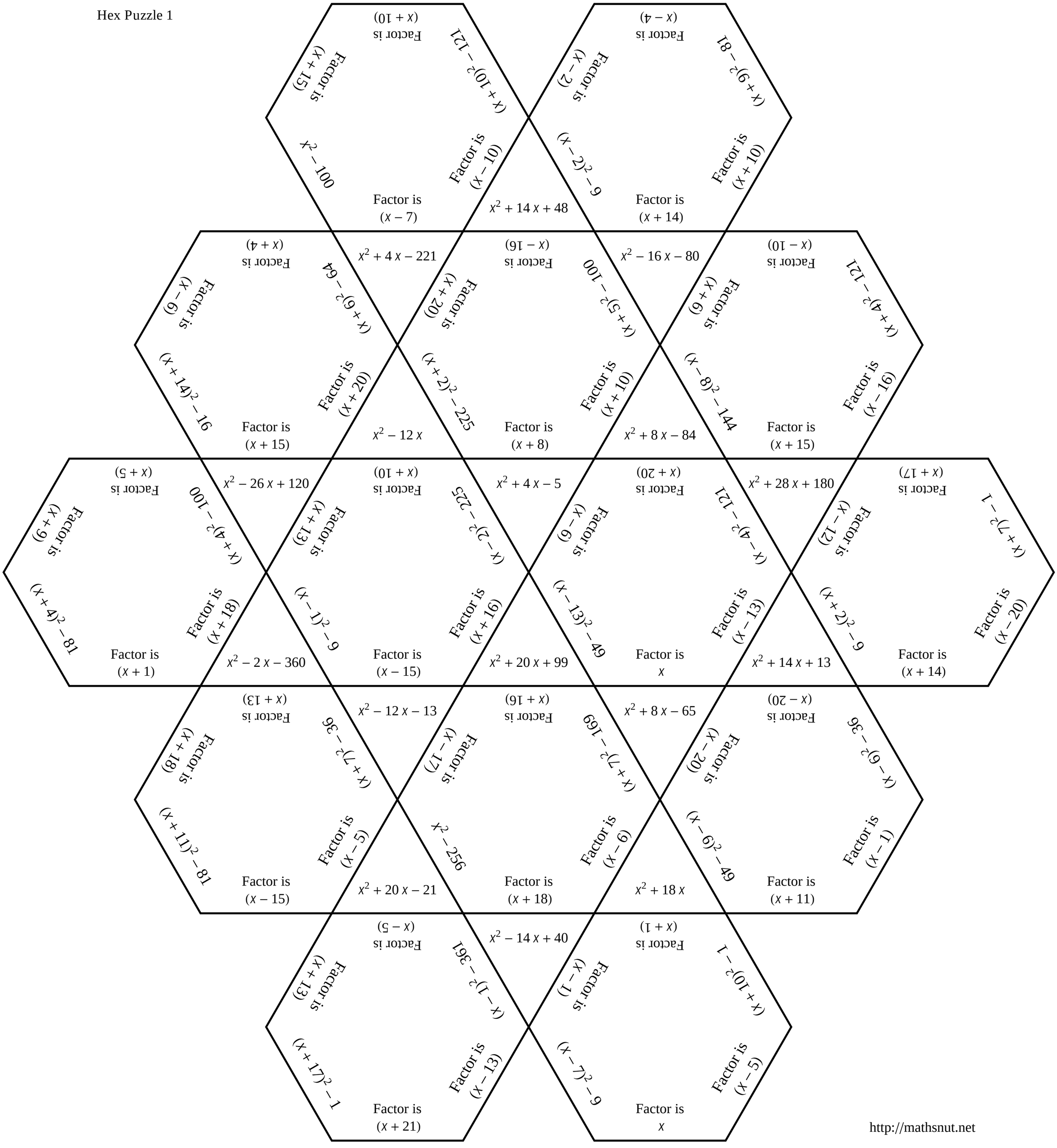

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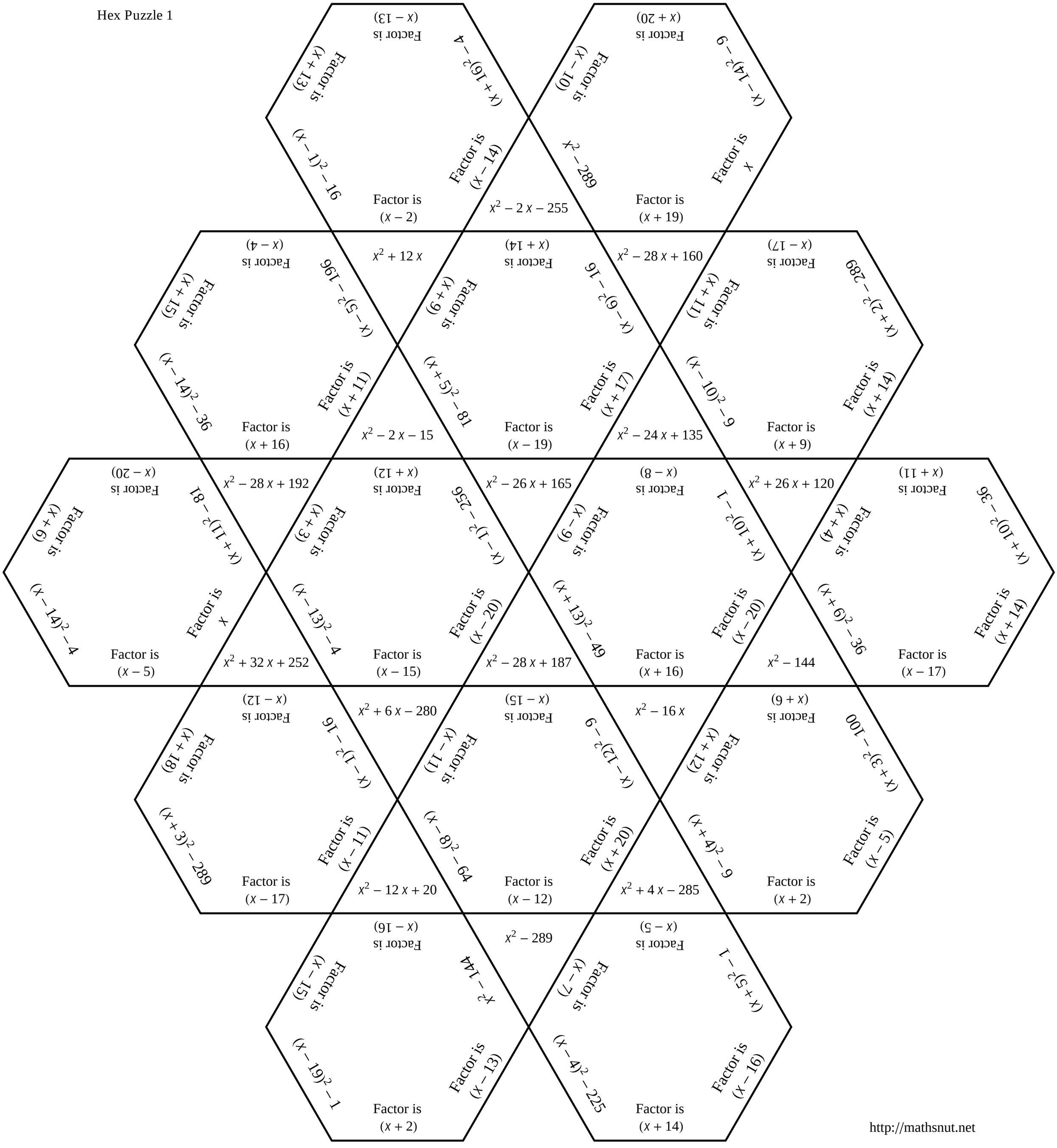

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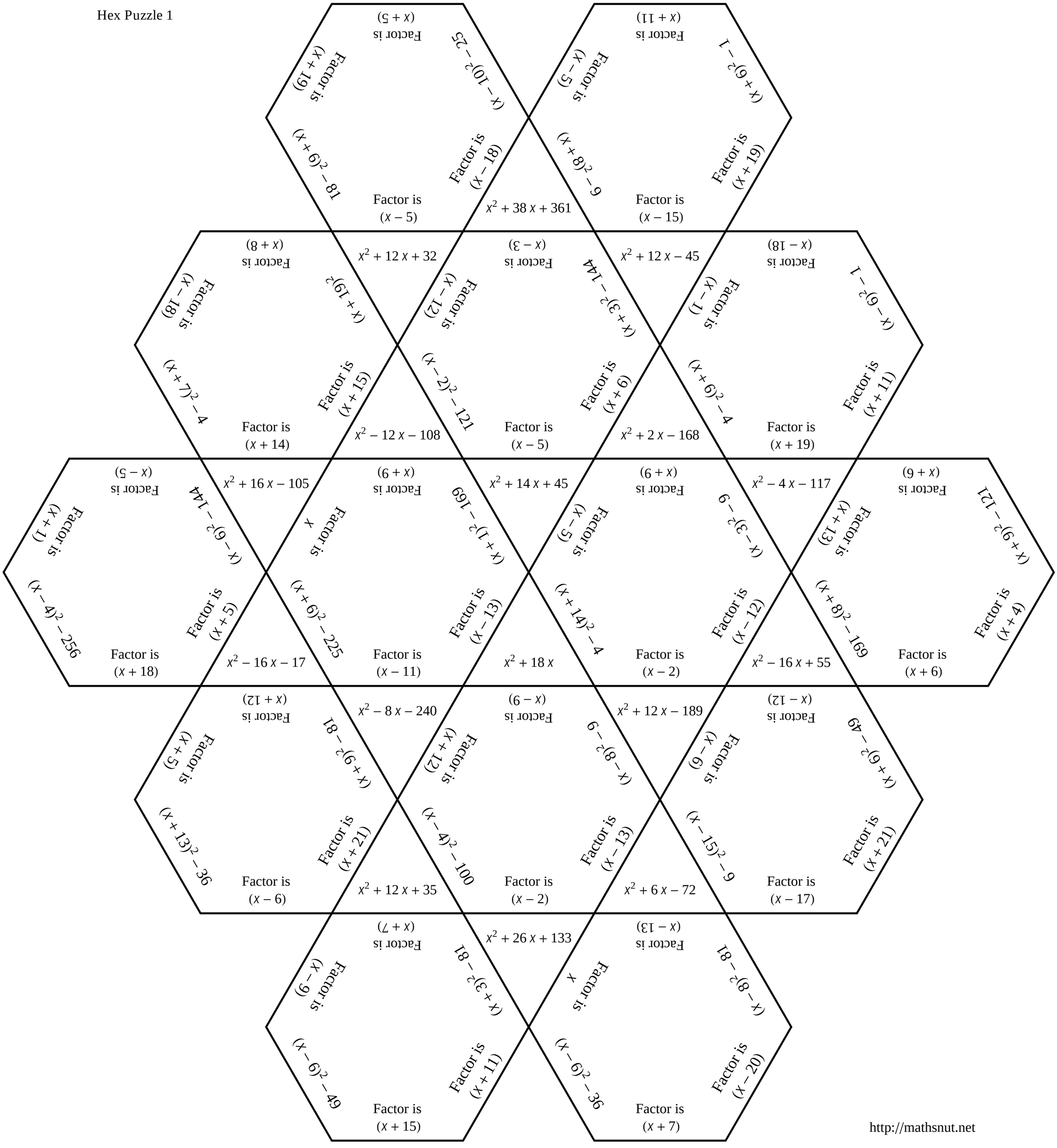

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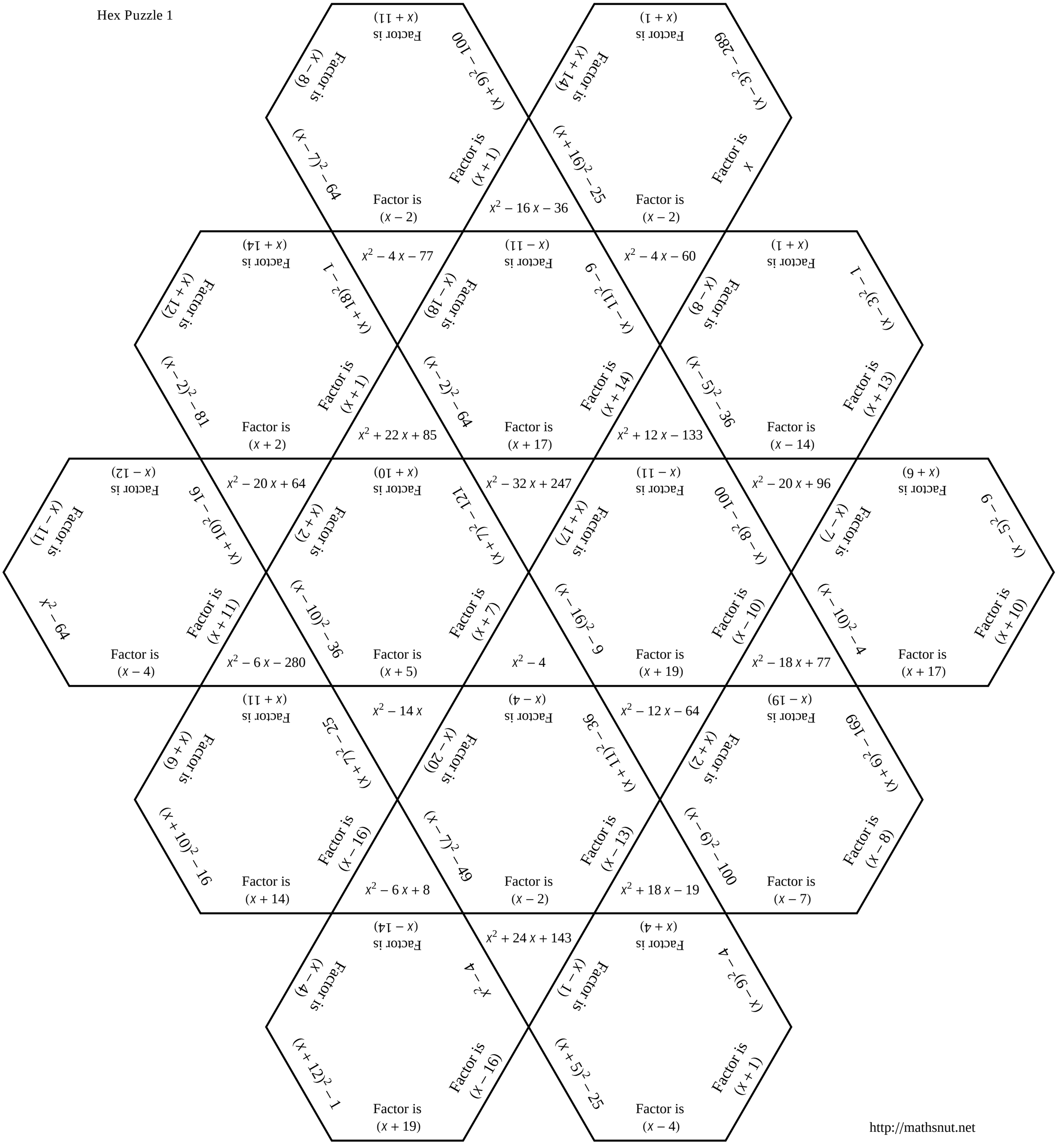

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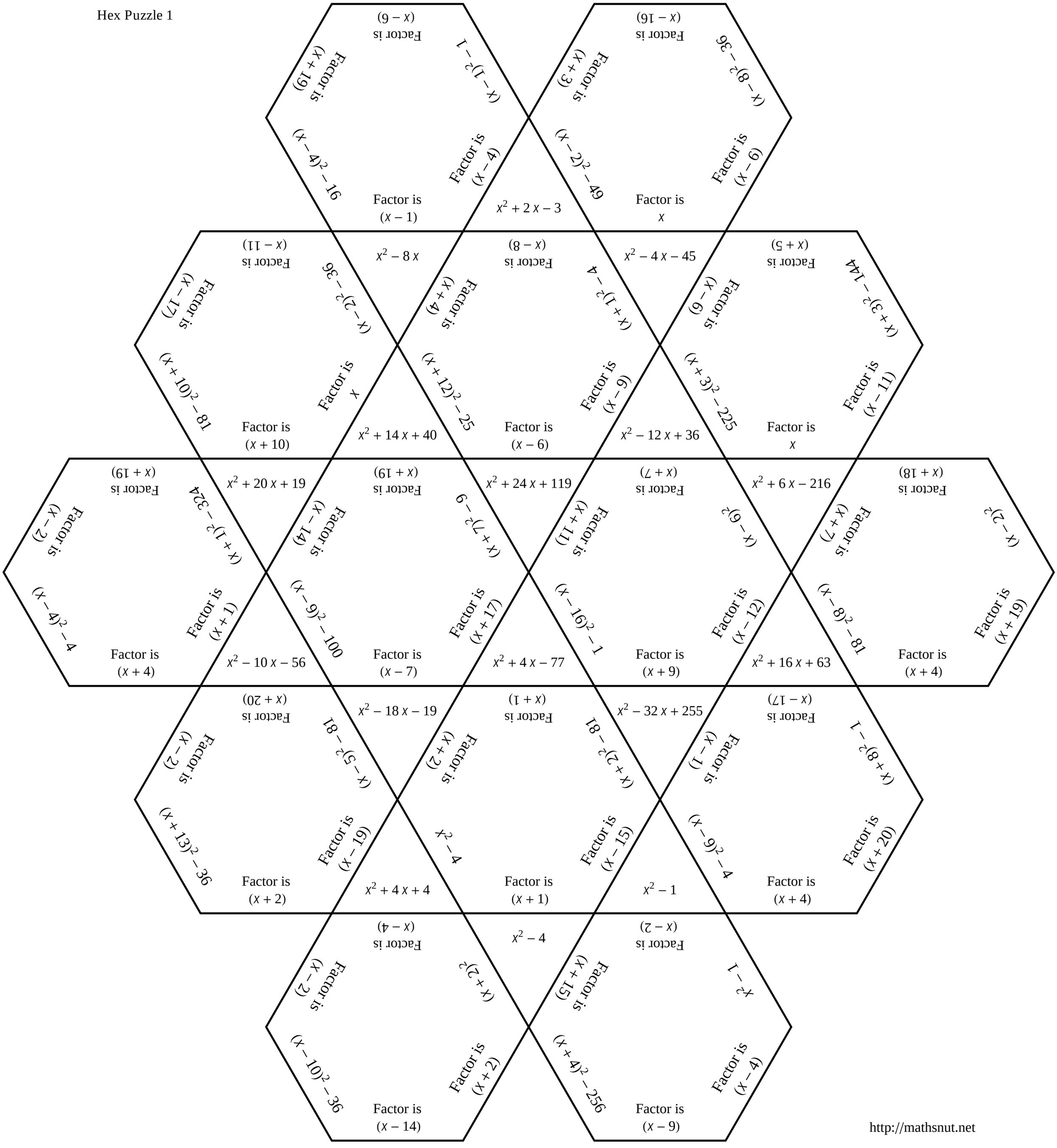

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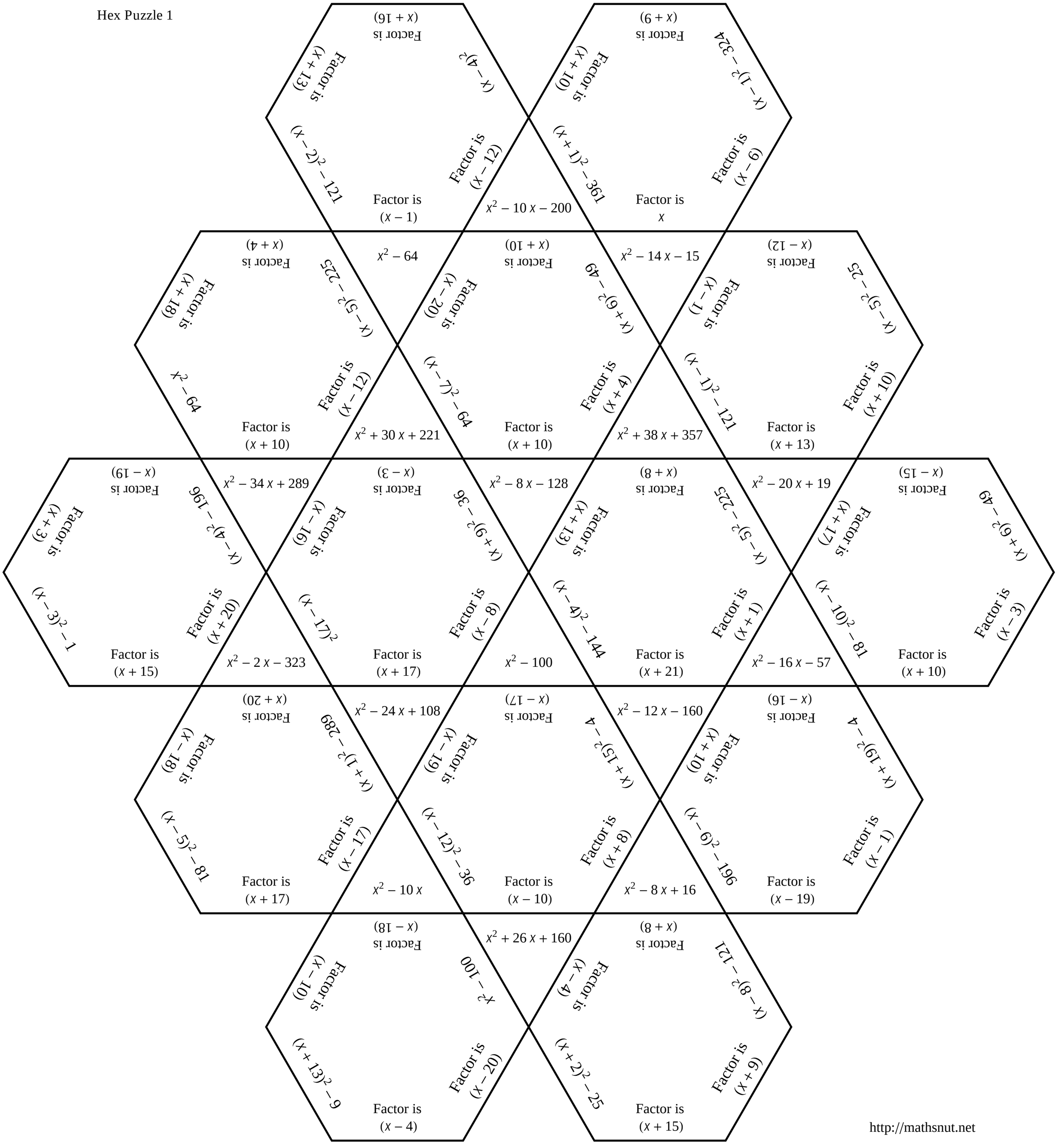

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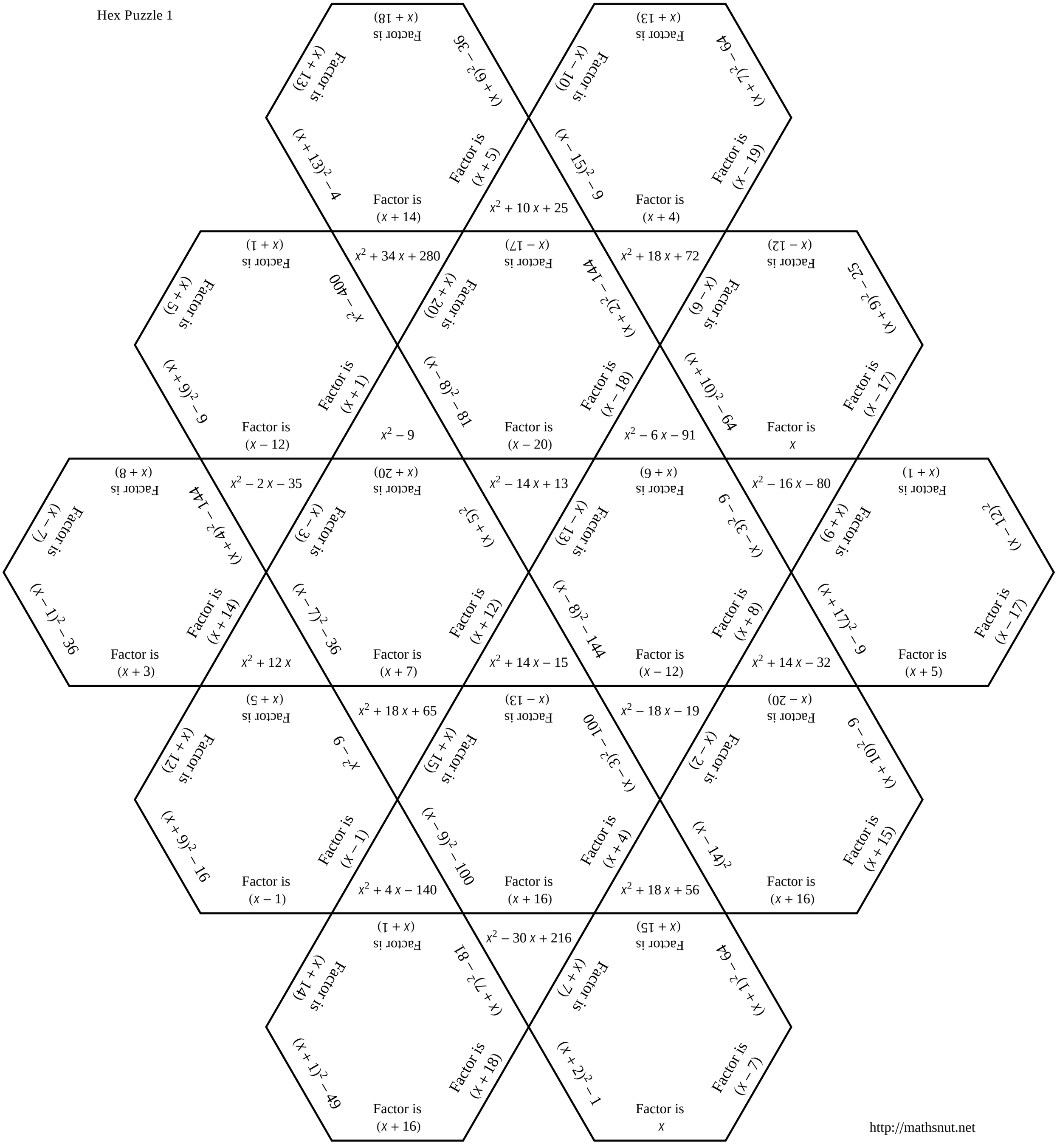

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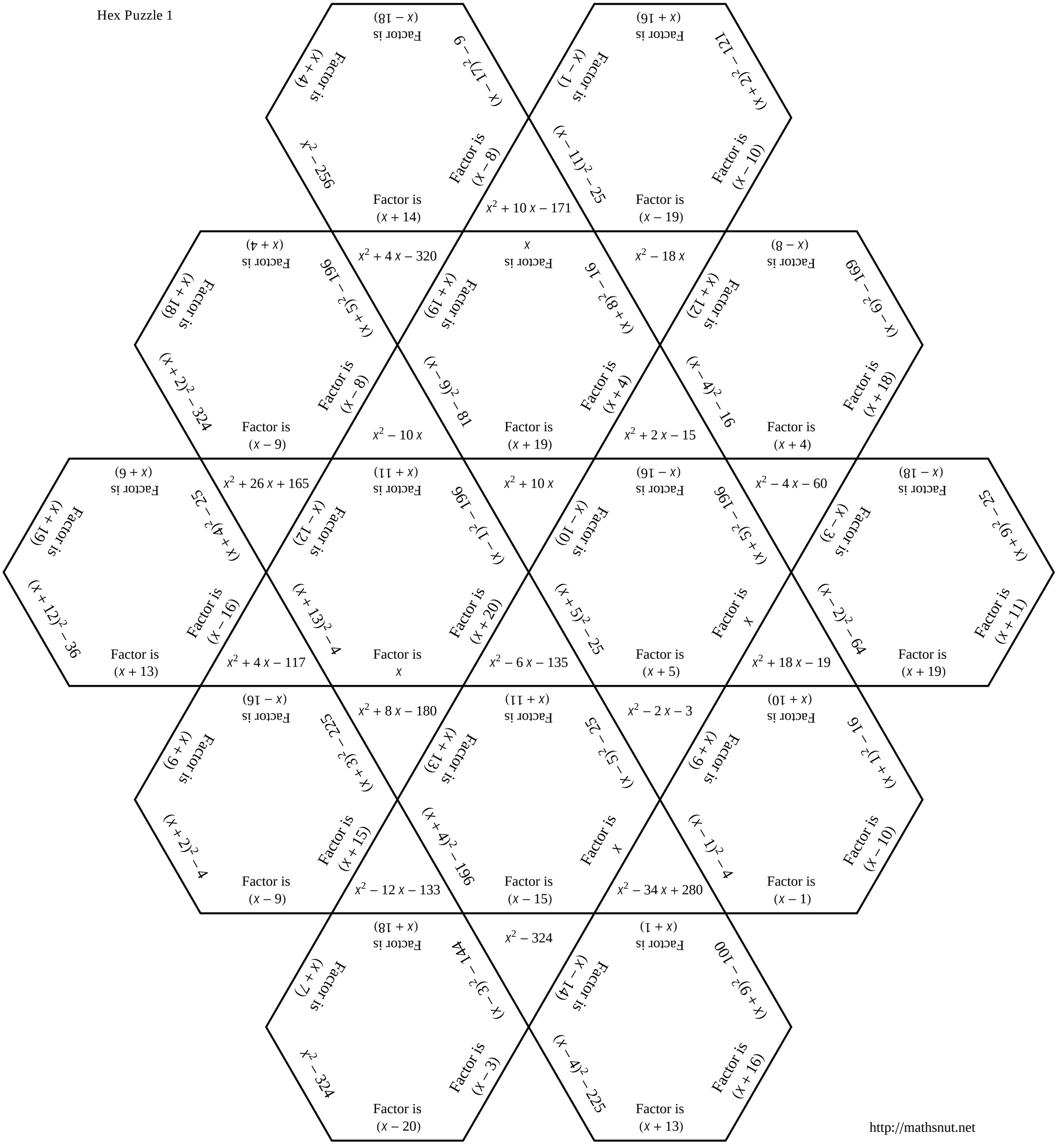

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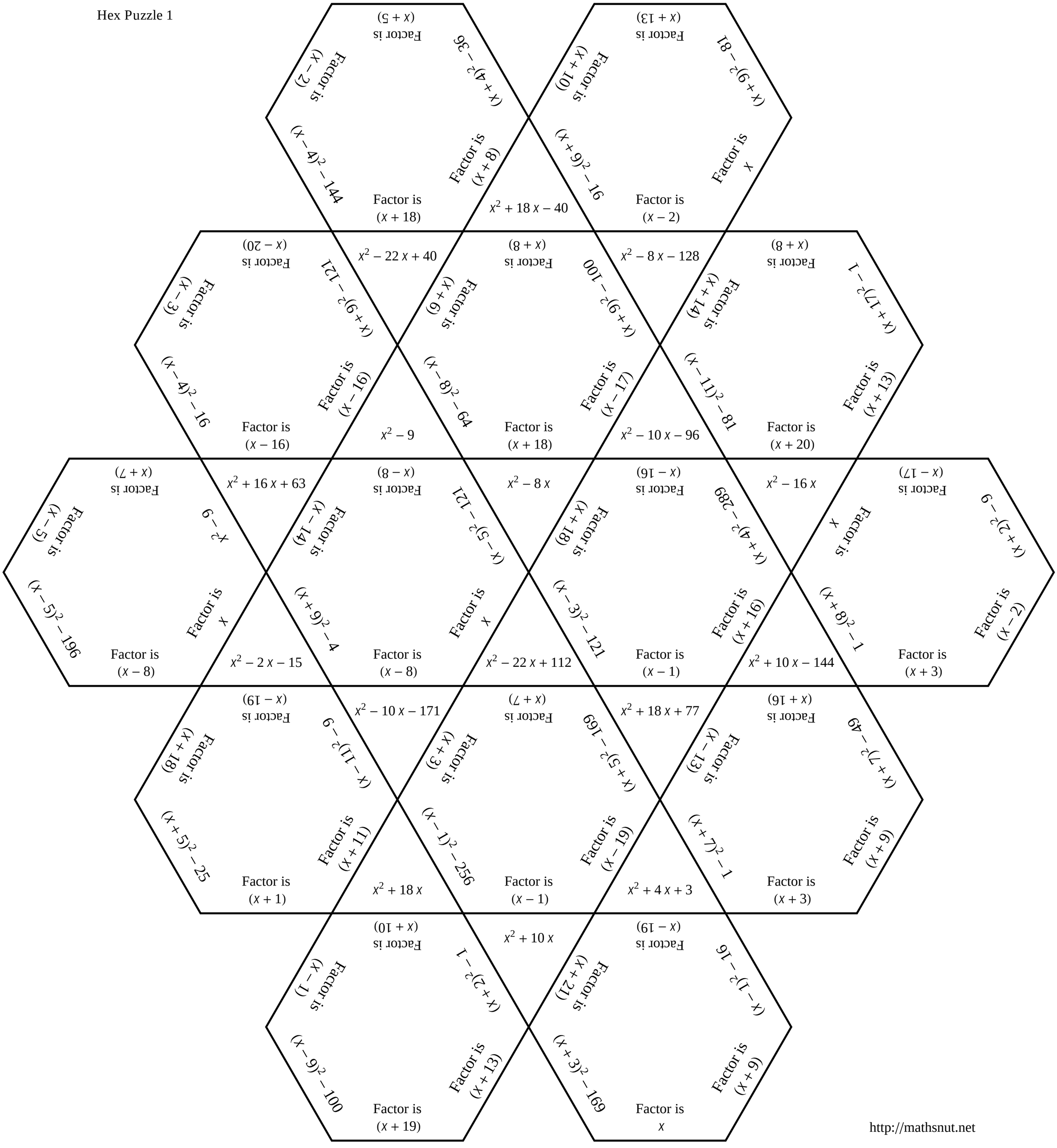

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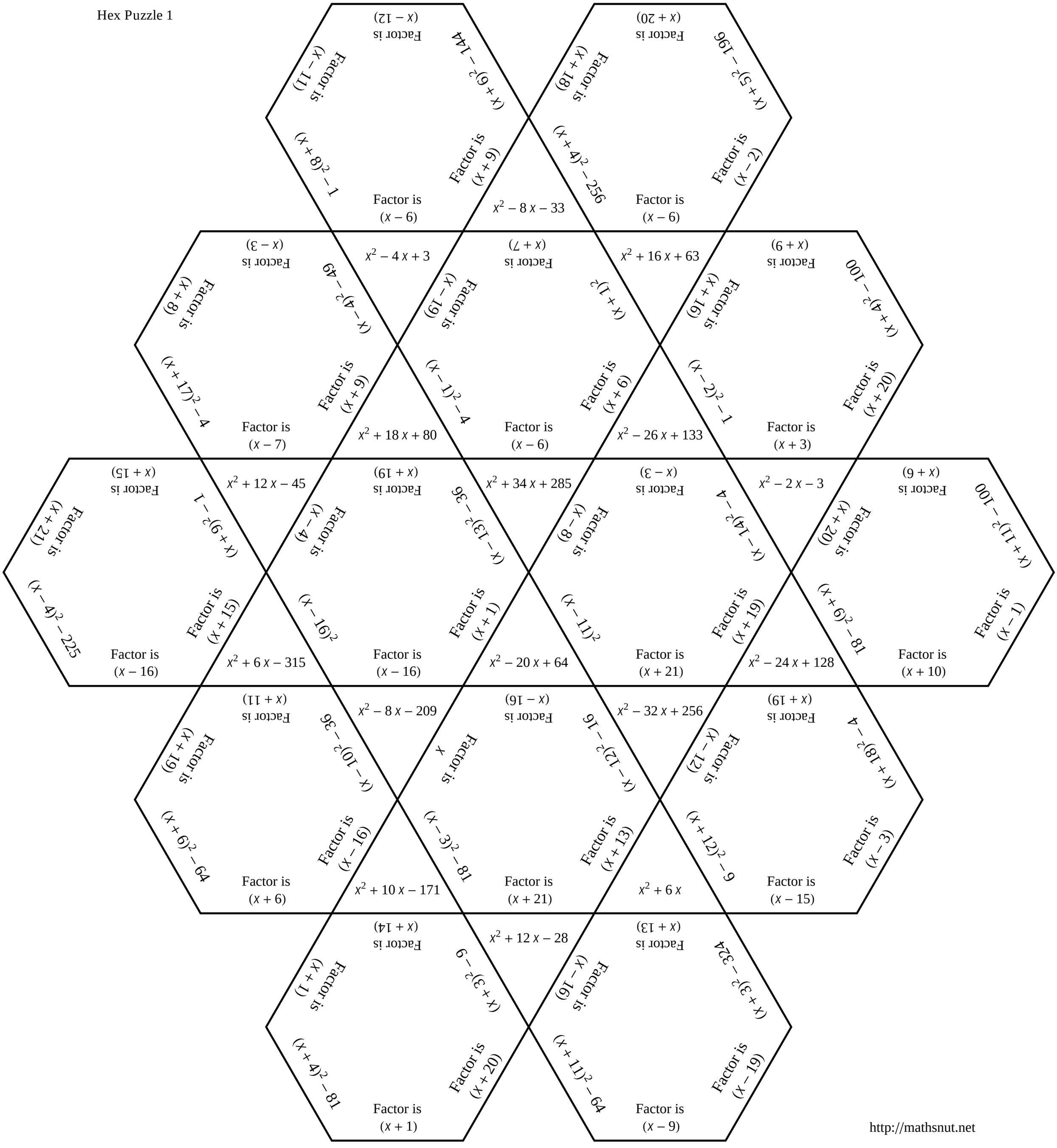

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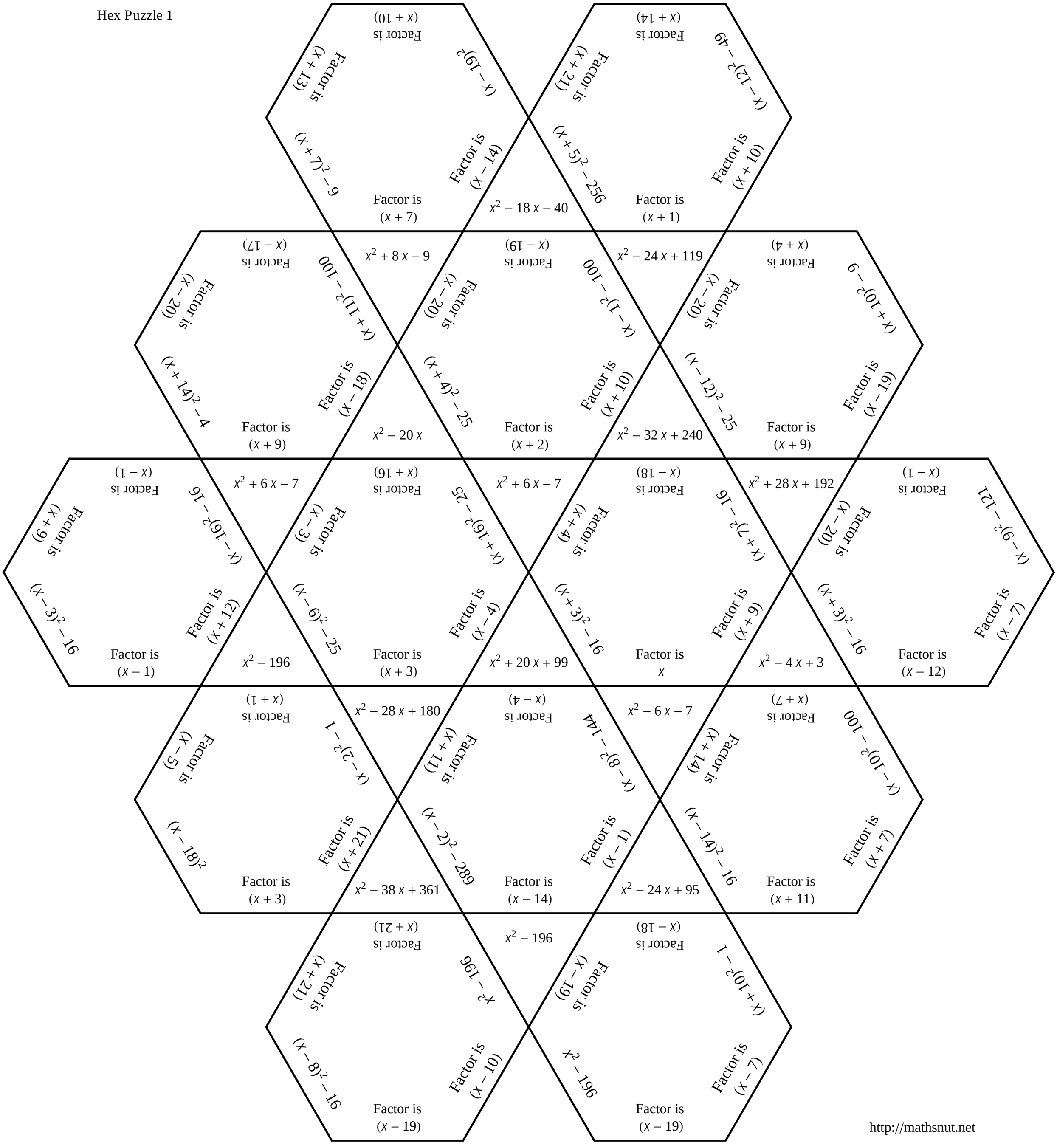

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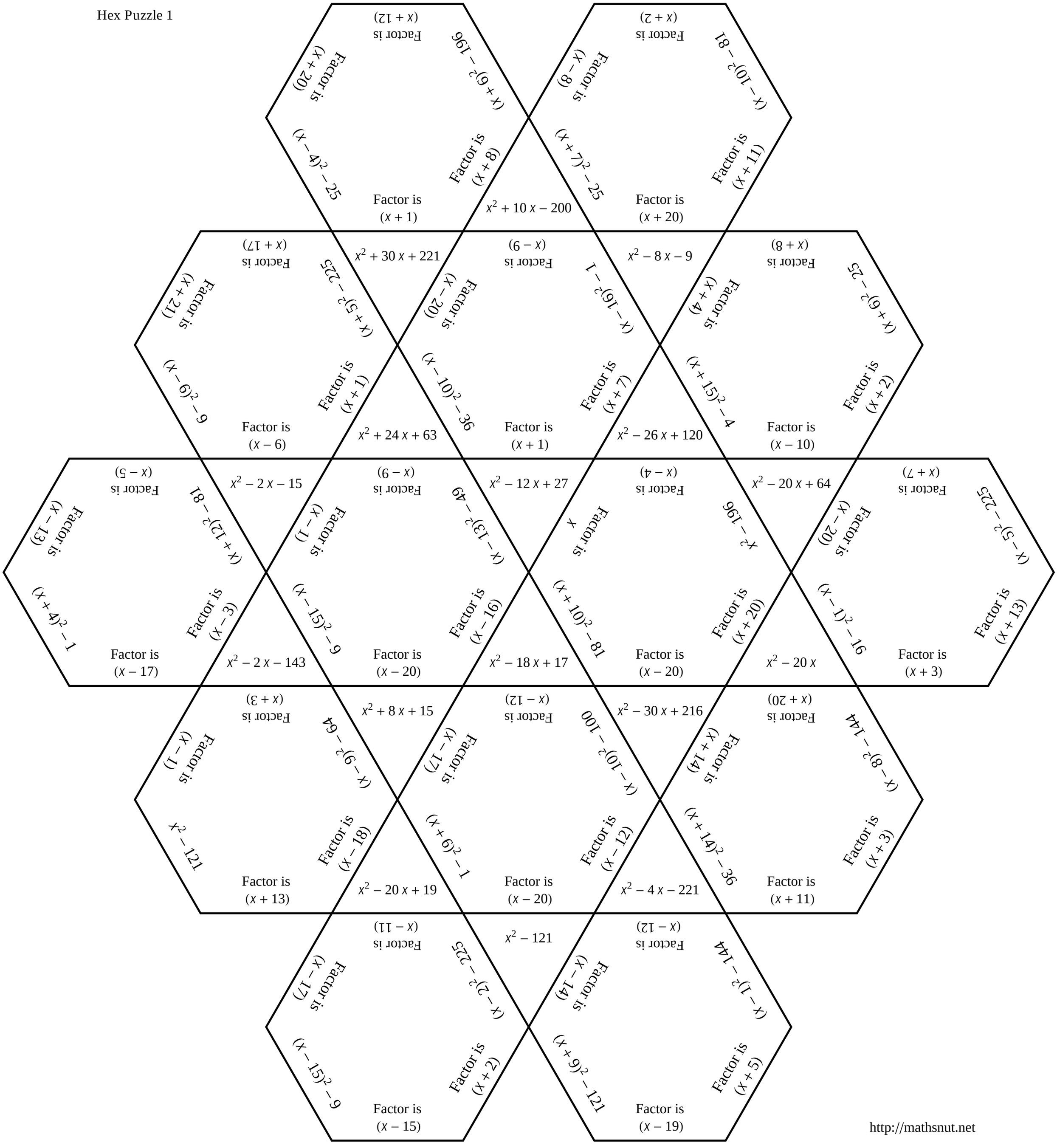

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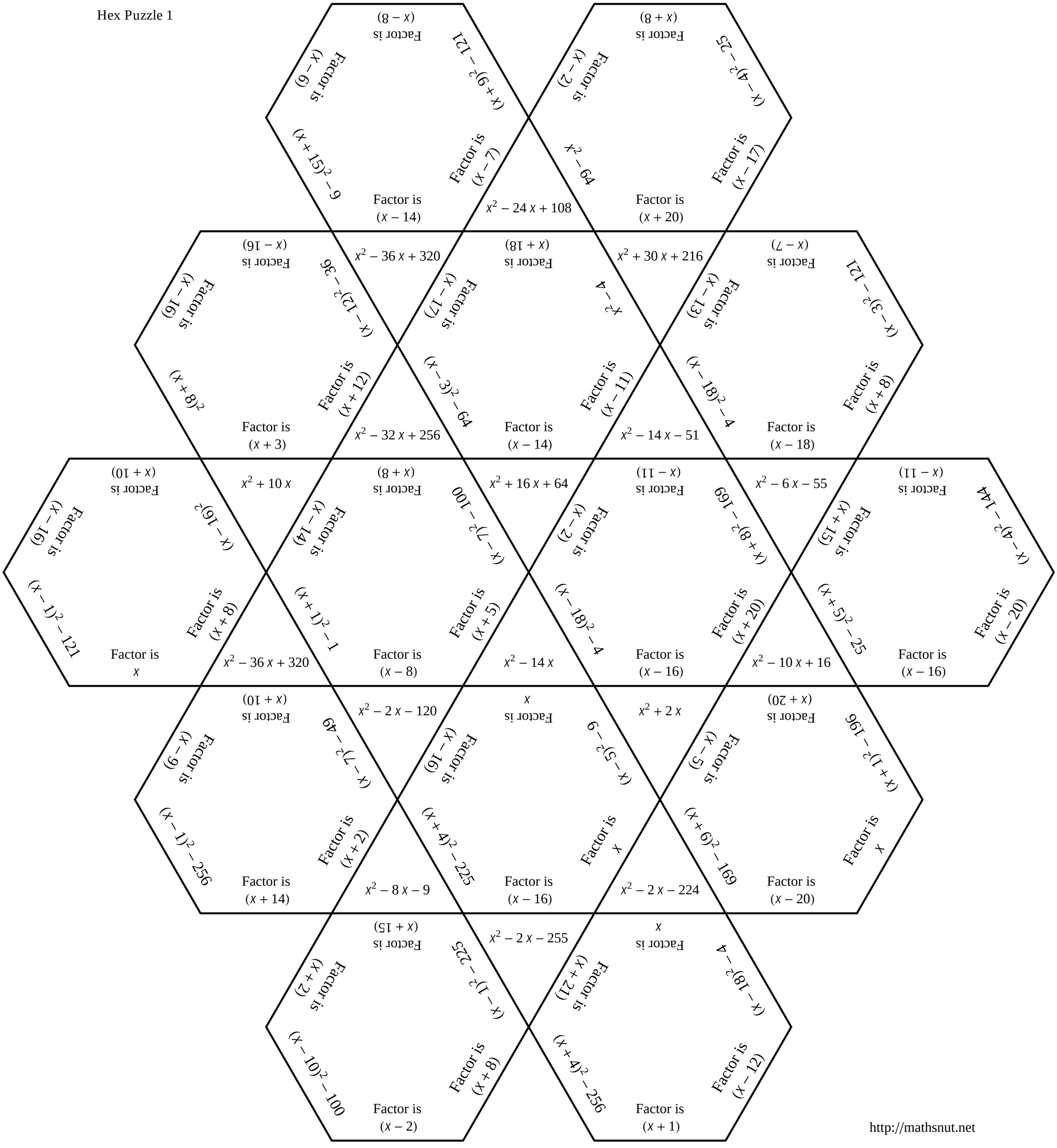

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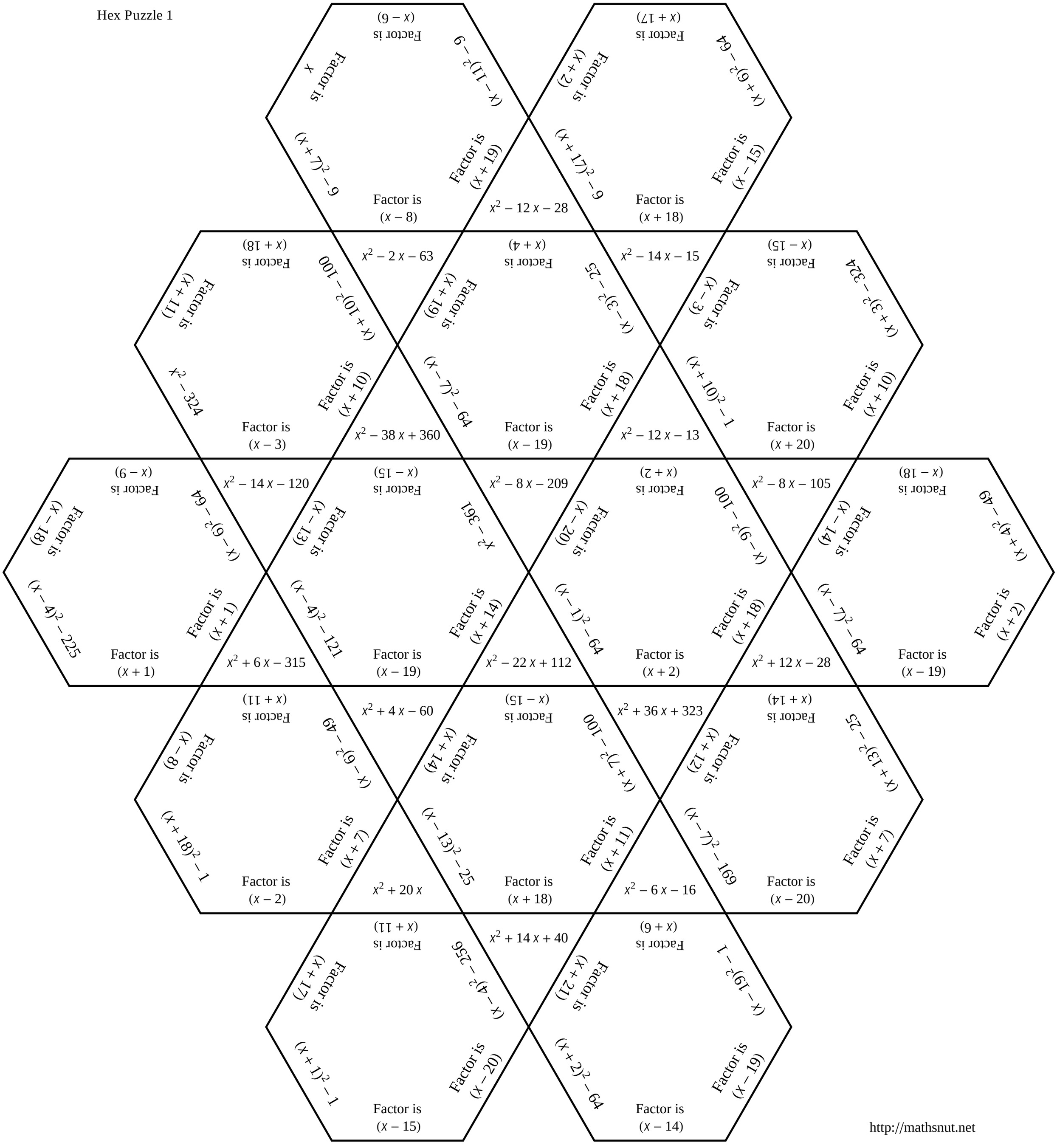

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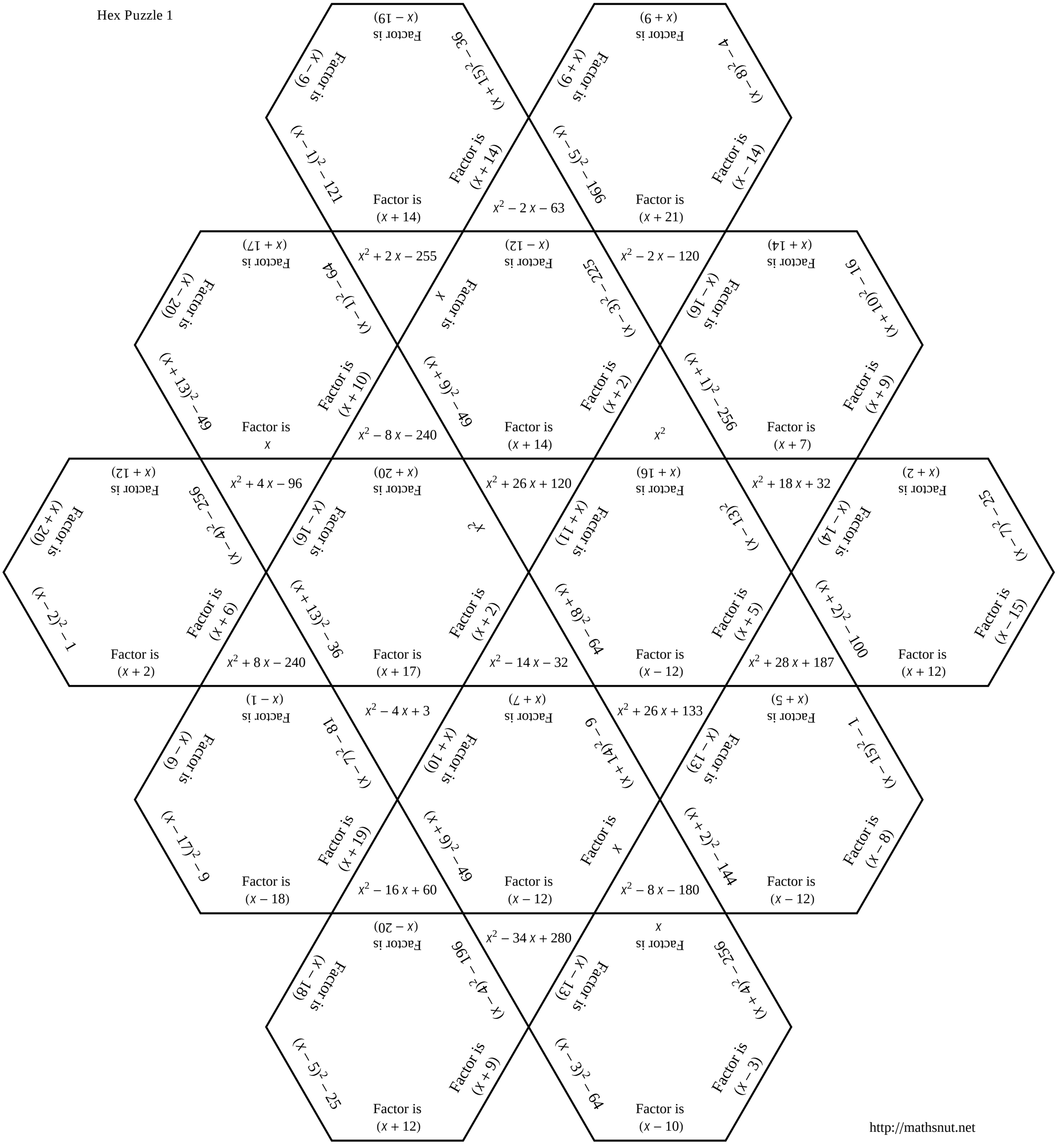
Hex Puzzle 1



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