

Math League Contest Problem Set 12117

Target Round Problem 4

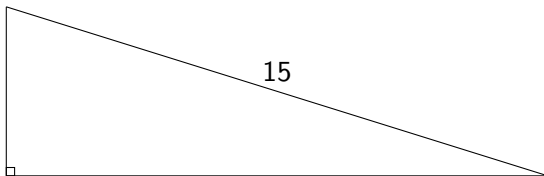
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Identify our objective.

An equiangular but not equilateral hexagon has three times the area of a regular hexagon with side length 1. If both hexagons have whole number side lengths, then what is the perimeter of the larger hexagon?

Compute perimeter of the equiangular (but nonregular) hexagon that has thrice the area of a regular hexagon with side lengths 1.



Review the key concepts we used.

Key Concepts

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Key Concepts

■ Concept 1

Review the key concepts we used.

Key Concepts

- Concept 1
- Concept 2