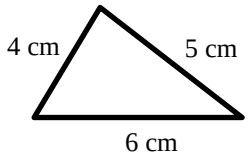
Triangle Problem

Name: _____ Class: _____

Problem

How many different triangles can you make with a perimeter of 15 cm, if all side lengths are whole numbers?

Warmup Questions



Why can't you have a triangle with sides of 1 cm, 1 cm and 13 cm?

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What is the Triangle Inequality?

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Assume just one of the sides has a length of 1 cm. How many triangles can you make?

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Now answer the question. Are you sure that you have found all answers? Explain.

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