PATTERN BLOCKS

Fractions – Using Pattern Blocks

A **fraction** is a PART of a WHOLE of something.

Here's an example:

If your brother eats 5 out of the 8 pieces of pizza, you can say he ate 5/8 of the pizza.

<u>5</u> = the number of pieces of pizza your brother ate
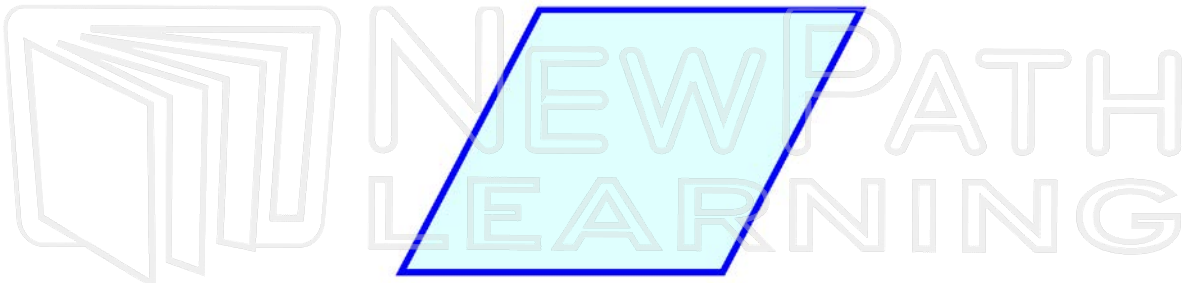**8** = the TOTAL number of pieces of pizza

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Rhombus

Trapezoid

Hexagon

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So one triangle = ½ of a rhombus

Two triangles = 1 WHOLE rhombus

ONE trapezoid = THREE triangles
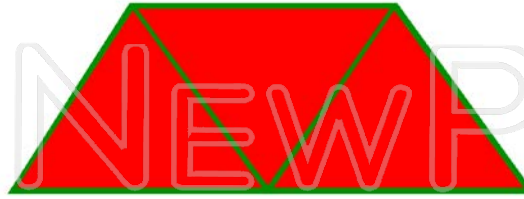
So one triangle = 1/3 of a trapezoid

Two triangles = 2/3 of a trapezoid

Three triangles = 1 WHOLE trapezoid

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So one triangle = 1/6 of a hexagon

Two triangles = 2/6 or 1/3 of a hexagon

Three triangles = 3/6 or 1/2 of a hexagon

Four triangles = 4/6 or 2/3 of a hexagon

Five triangles = 5/6 of a hexagon

Six triangles = 1 WHOLE hexagon

ONE hexagon also = TWO trapezoids
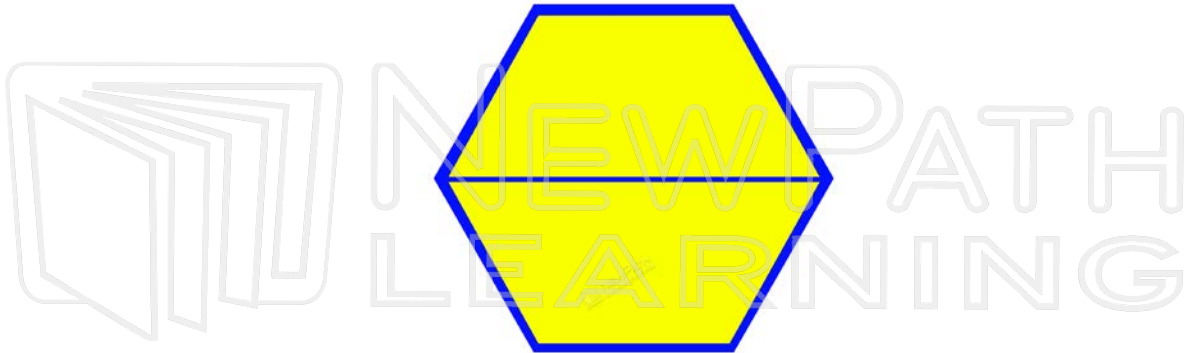
So one trapezoid = ½ of a hexagon

Two trapezoids = 1 WHOLE hexagon

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So one rhombus = 1/3 of a hexagon

Two rhombuses = 2/3 of a hexagon

Three rhombuses = 1 WHOLE hexagon

Let's Practice:

The green triangles are what fraction of the whole trapezoid?

a] 1/2
b] 2/3
c] 2/5

Ans

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PREVIEW

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