MathFLIX CHALLENGE

Pattern Blocks & Substitution

Cut out the shapes at the bottom of the page. Each of the designs in the column on the left can be built several ways using these shapes. Create two such designs. What relationship exists between the numbers and the shapes? On the back of this paper, use the pattern blocks to create 4 designs with values of: 12; 15; 19 and 25

Design	Value: Strategy 1	Value: Strategy 2
	$2 + 1 = 3$	$1 + 1 + 1 = 3$

equilateral triangle

1 *equilateral triangle*

1

2 *rhombus*

3 *trapezoid*

6 *hexagon*