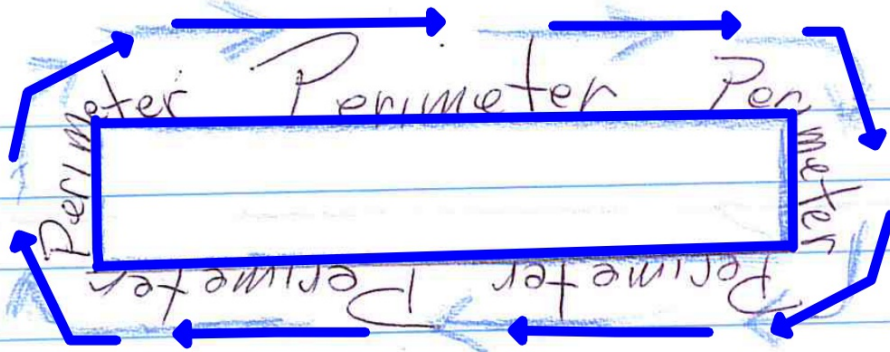


2



The distance around a 2D shape.

Challenge: How many different rectangular gardens can you make which have an area of 36 ft^2 ?
What is the perimeter of each garden?

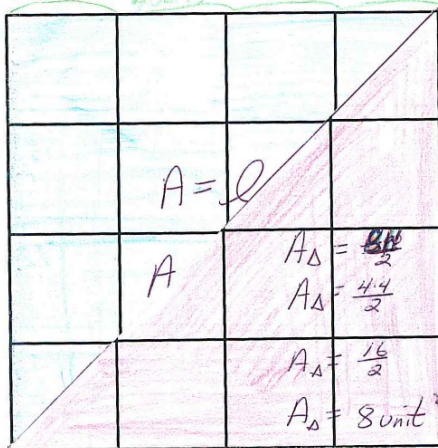
Area

The amount of space inside a 2D shape.

63

cm²
ft²
m²

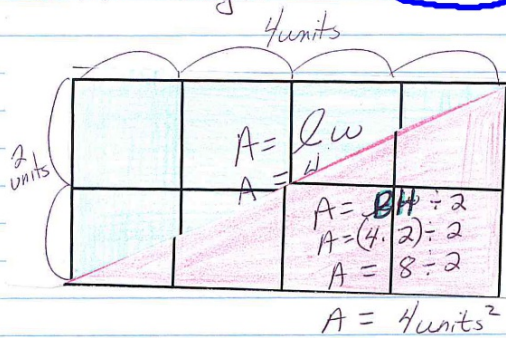
Area = (unit)²



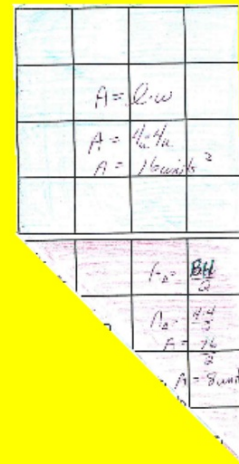
$$A = lw$$

length = base
width = height

$$A_{\Delta} = \frac{BH}{2}$$



The triangle folds down to reveal the formula for a rectangle.



69

Scalene
Triangle

Acute
Triangle

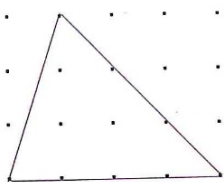
Isosceles
Triangle

Obtuse
Triangle

Equilateral
Triangle

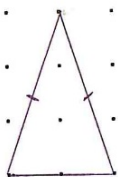
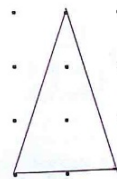
Right
Triangle

Inside



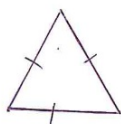
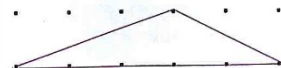
A triangle
with no
congruent
sides.

A triangle
with all angles
measuring
less than 90° .



A triangle
with at least 2
congruent
sides.

A triangle
containing one
obtuse angle.



A triangle
with three
congruent
sides.

A triangle
containing one
right angle.

