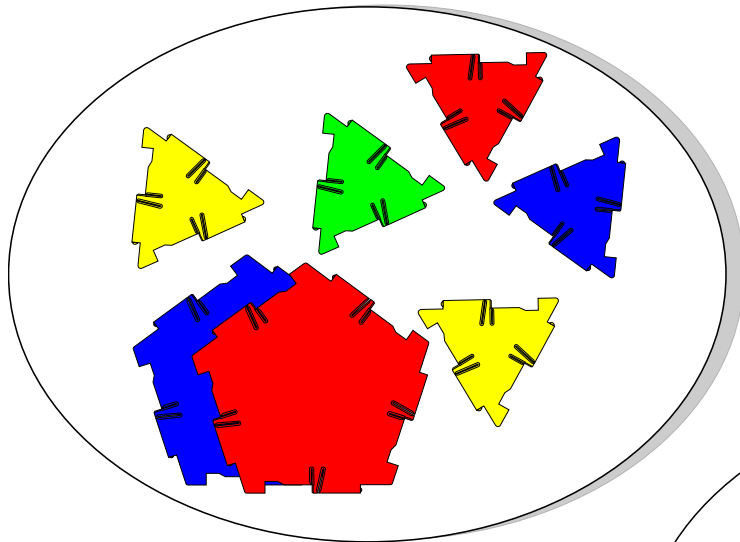
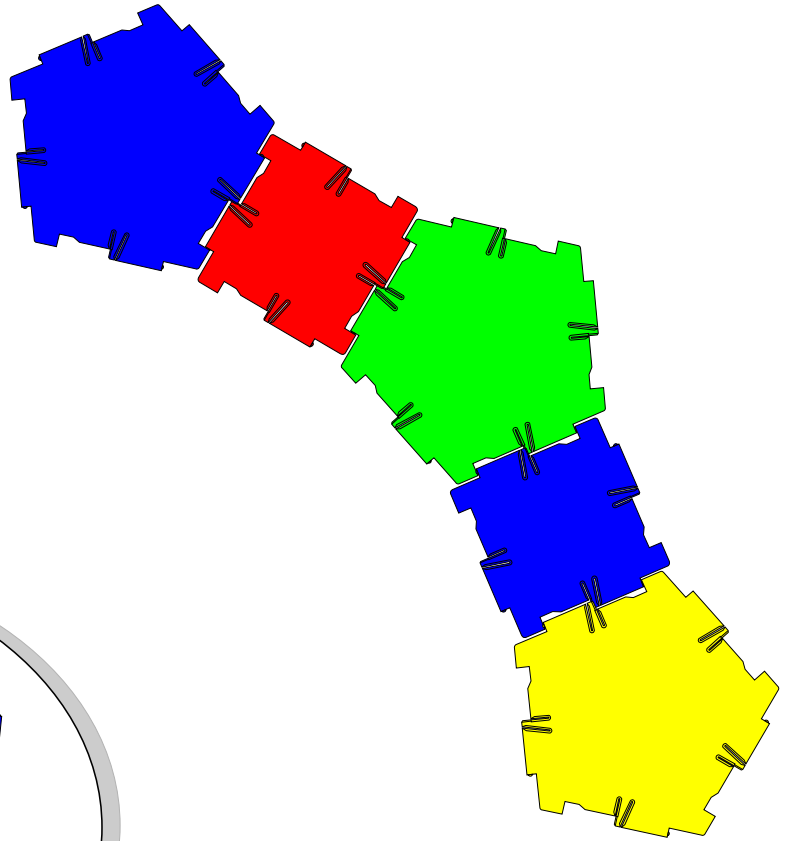


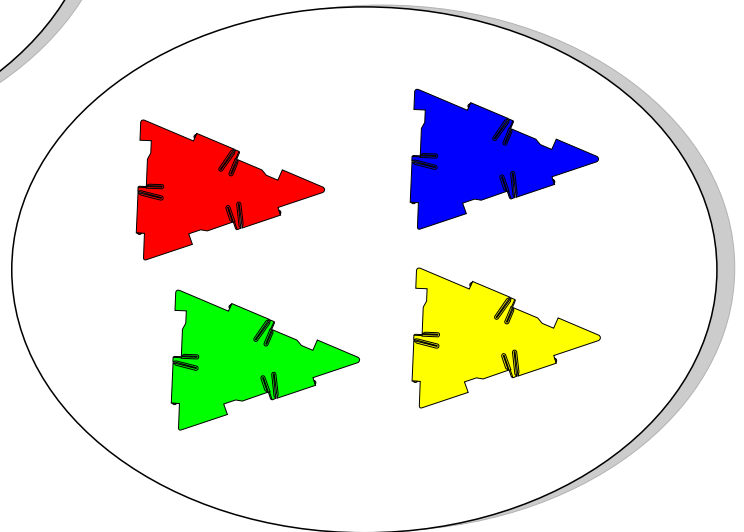
# Set 1 - Caterpillars



- Make this caterpillar.
- Make it longer.
- Make a caterpillar with the shapes below.

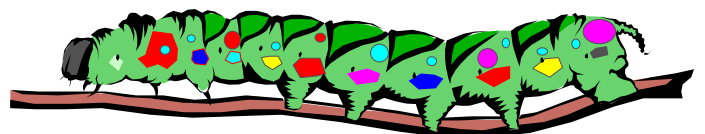


- Add these triangles to your caterpillar.



## More Ideas

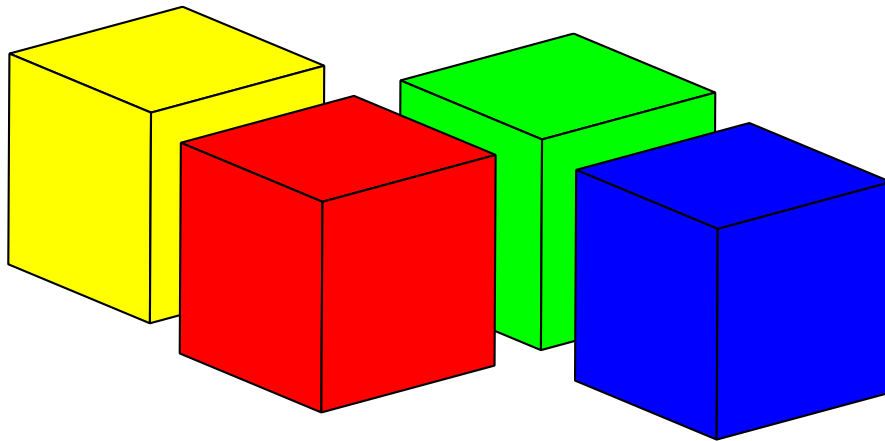
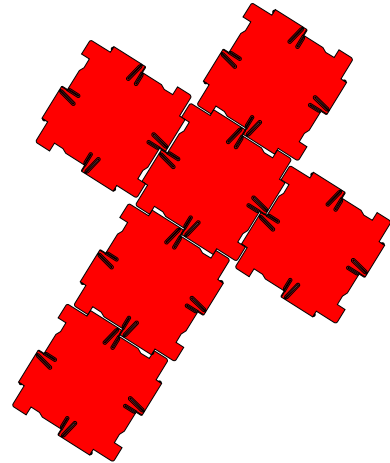
- Make a caterpillar with lots of different colours.
- Add some legs to your caterpillar.



# Set 1 - Cubes



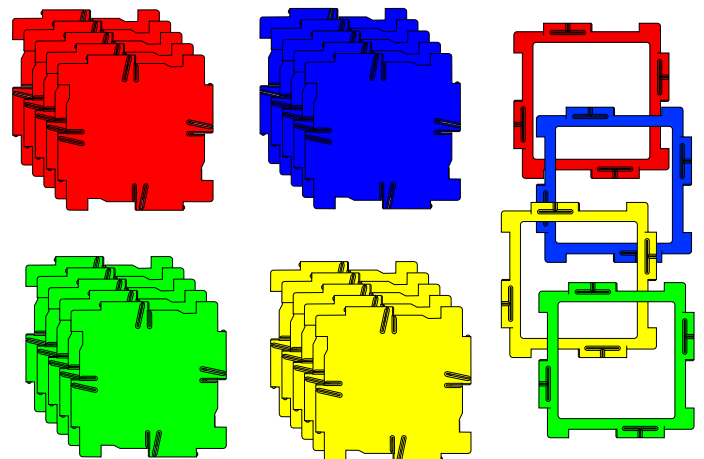
- Take six red squares.
- Make a red cube.
- Make a blue cube, a yellow cube and a green cube.



- Make some more cubes and arrange them in a pattern.
- Join your cubes together.

## More Ideas

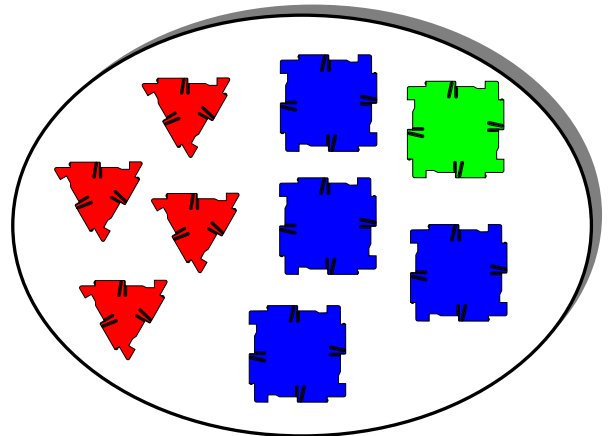
- Make a big cube with 24 squares.
- Open the top of your big cube and fit some small cubes inside.



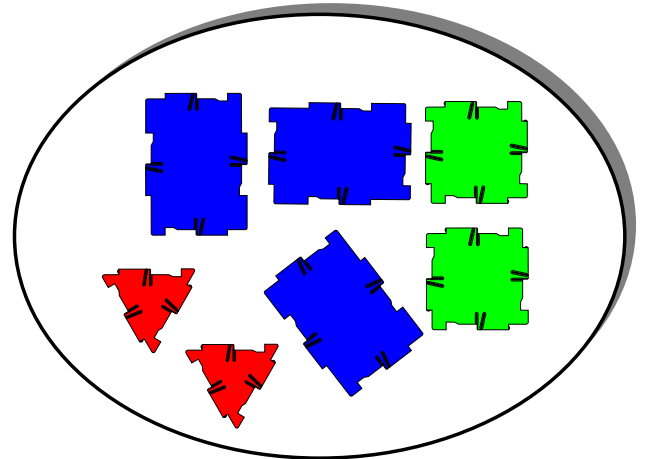
# Set 1 - Houses



- Take 5 squares and 4 triangles.
- Make a house like this.



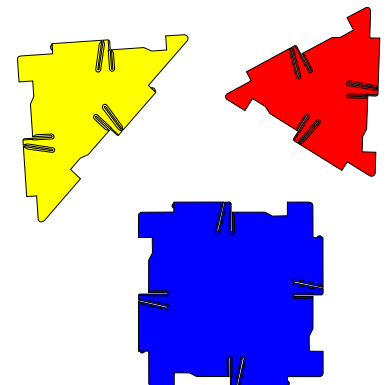
- Make another house with these shapes.



- Make your house longer.
- Make your house taller with more squares or rectangles.

## More Ideas

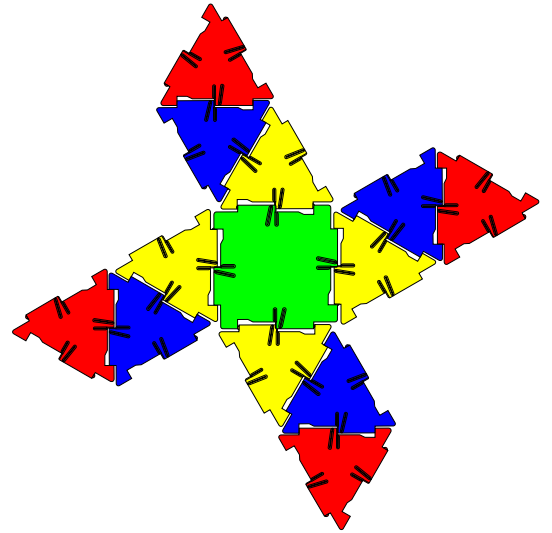
- Use isosceles triangles to make the roof steeper.
- Make two houses and join them together.
- Make a house with a tower.
- Make a roof with lots of these pieces.



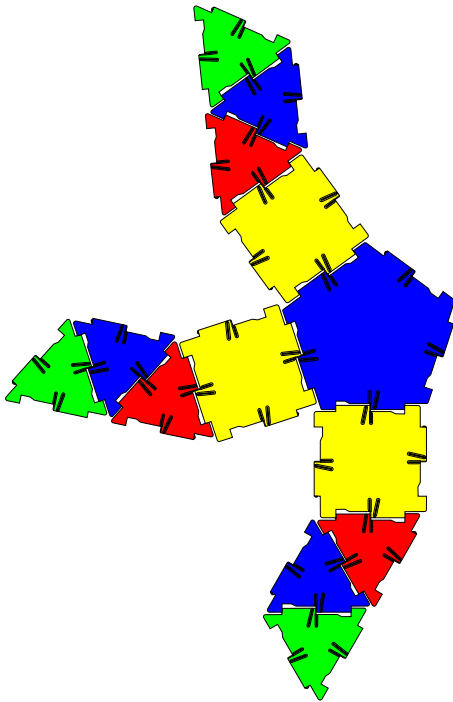
# Set 1 - Spidrons



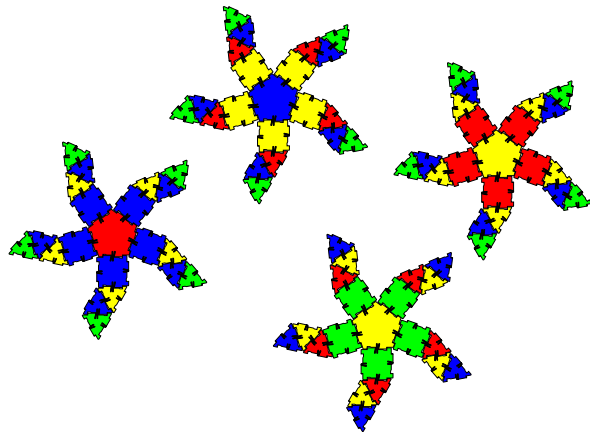
- Spidrons are Polydron Spiders.
- Make this spidron with four legs.
- Make each leg longer.



- Make this spidron. It has five legs but two of them are missing.

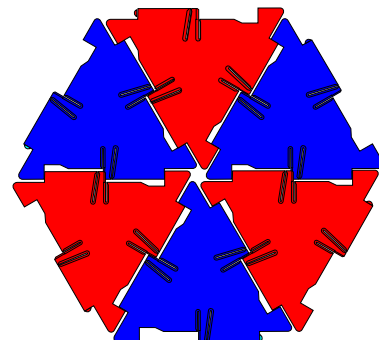


- Make a colourful group of spidrons like this. Make each one different.

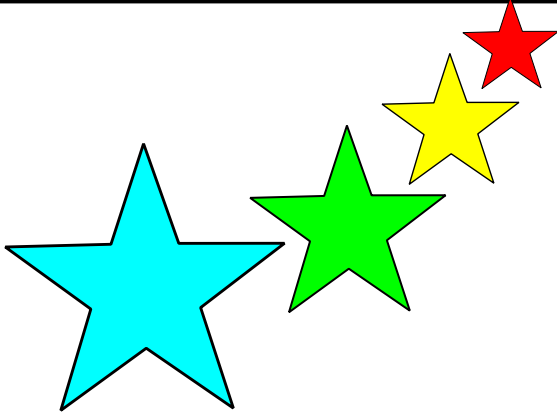


## More Ideas

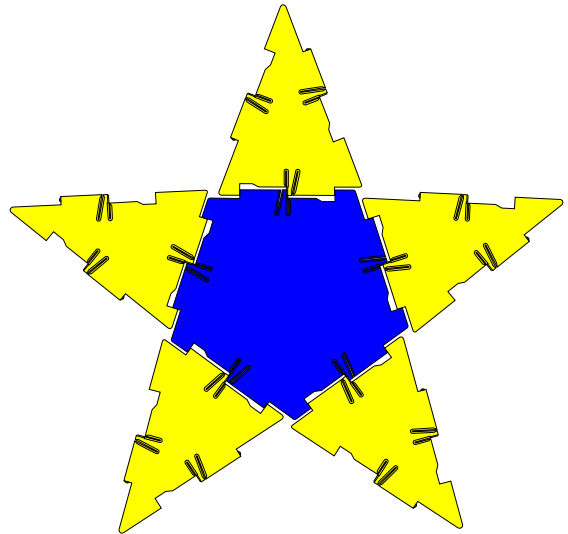
- Join six triangles like this to make a hexagon. Add a spidron leg to each triangle.
- Can you make each leg the same?



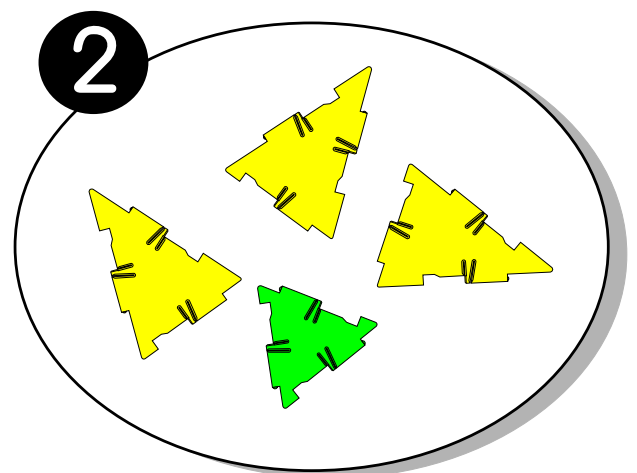
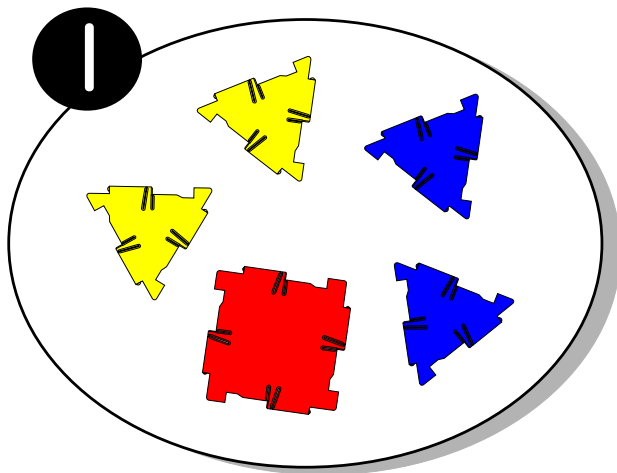
# Set 1 - Stars



- Make this five pointed star.
- Make another five pointed star with different colours.

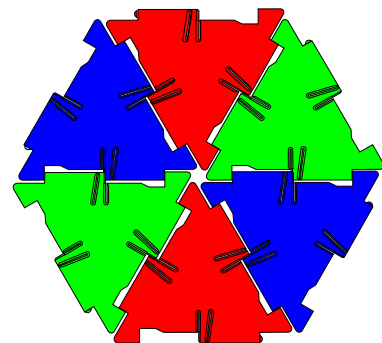


- Make stars with the shapes in each of these loops.



## More Ideas

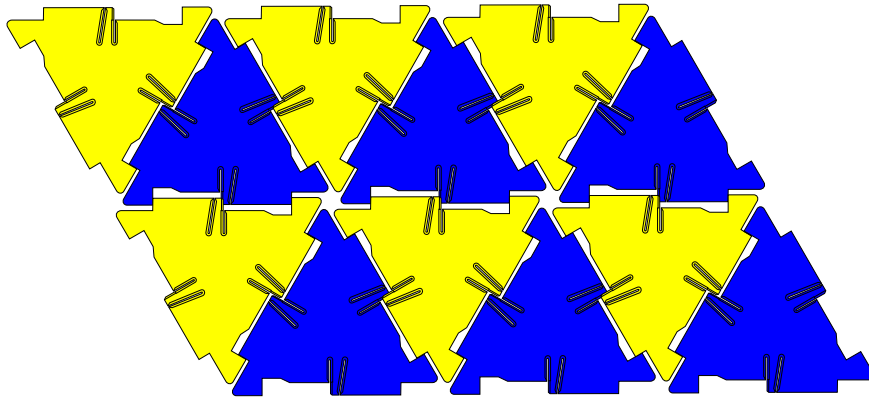
- Join six triangles like this to make a hexagon. Add six more triangles to make a star.
- Make some stars of your own.



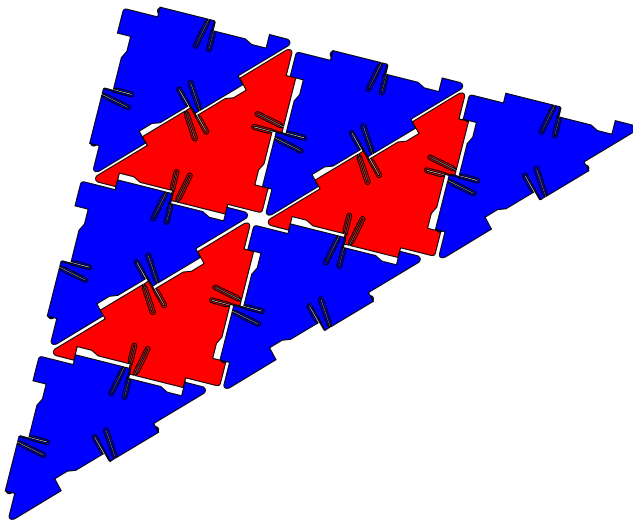
# Set 1 - Triangle Patterns



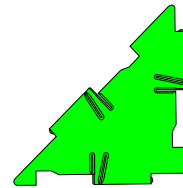
- Choose any two colours and make a triangle pattern.



- Make your pattern bigger.

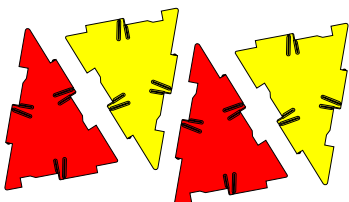


- Make triangle pattern with these triangles.



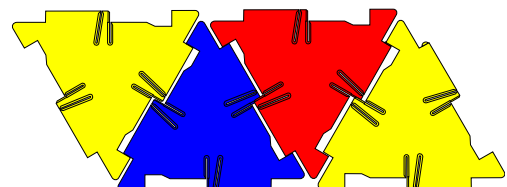
- Make your triangle pattern bigger.

## More Ideas



- Use these triangles to make a pattern.

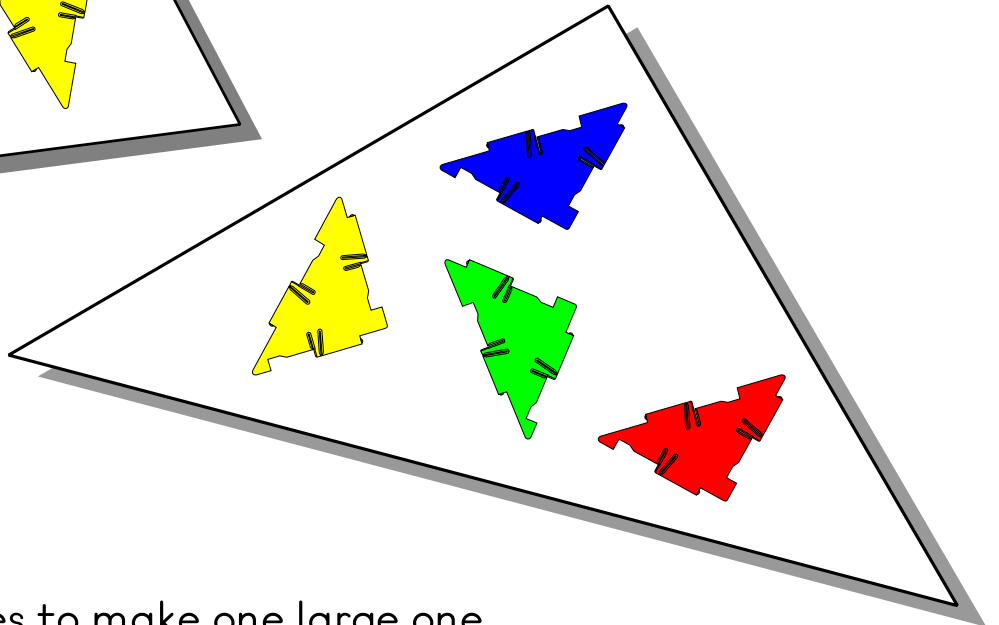
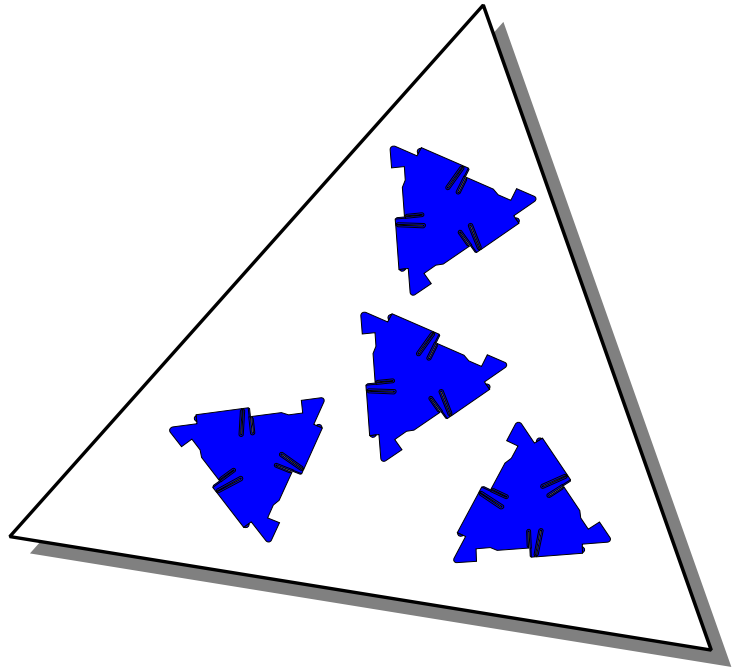
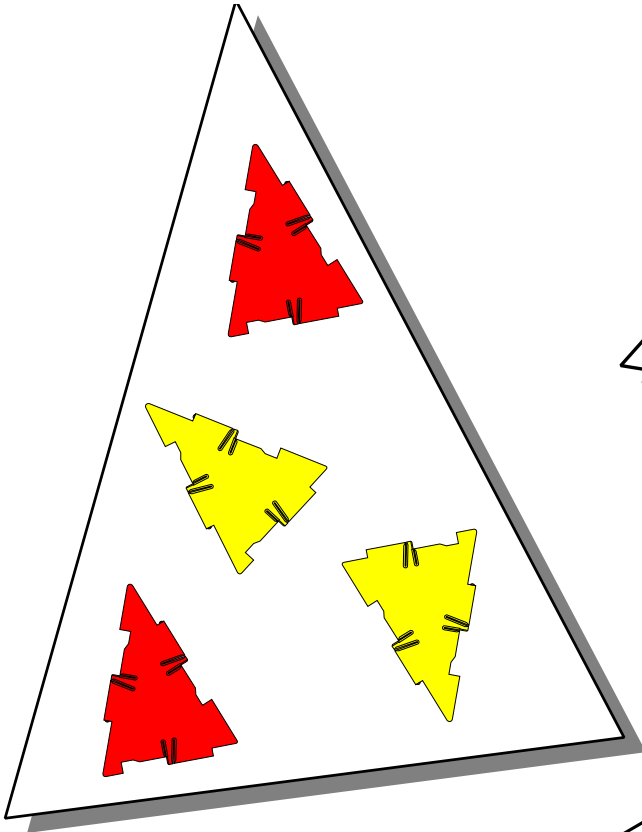
- Make a triangle pattern with three colours.



# Set 1 - Triangle Puzzles

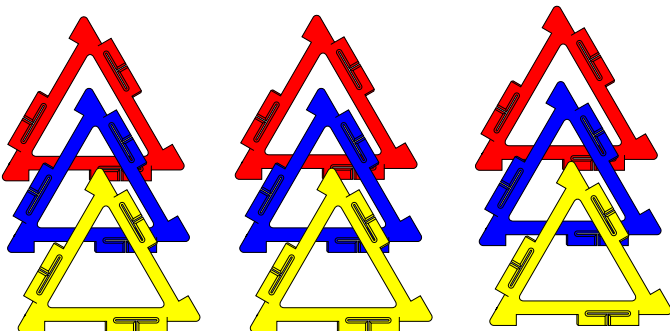


- Use the pieces in each box to make a large triangle.



## More Ideas

- Use 9 triangles to make one large one.

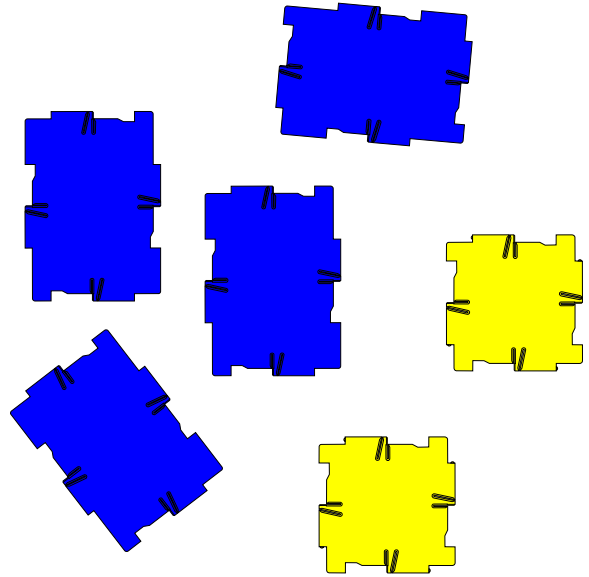


- Try to make a large triangle with 16 small ones.

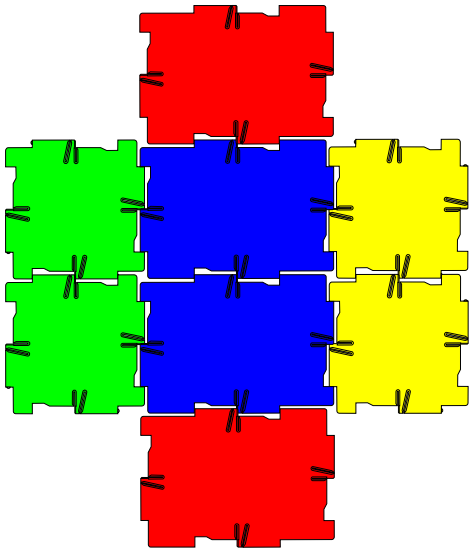
# Set 1 - Cuboids



- A cuboid is a solid made only from rectangles and squares.
- Make a cuboid with these rectangles and squares.



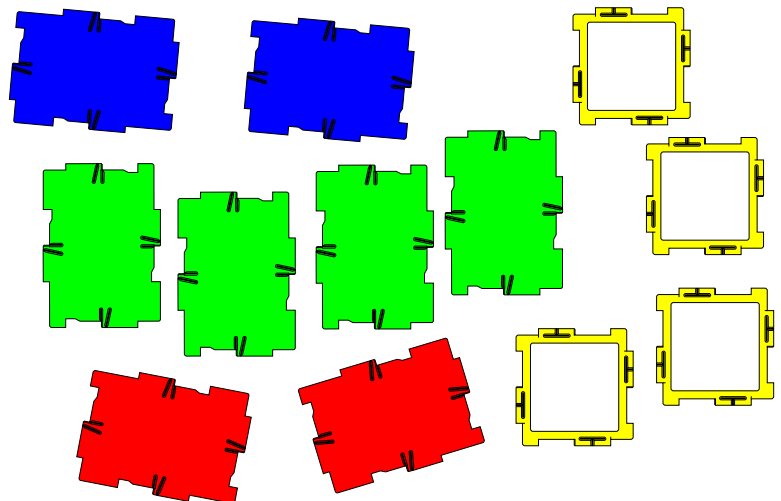
- Make your cuboid longer by adding more rectangles.



- Make this flat shape.
- Fold up your shape to make an open box.
- Put a lid on it.

## More Ideas

- Use these pieces to make a large cuboid.
- Make a large cuboid of your own.

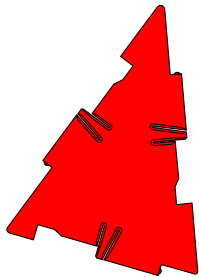
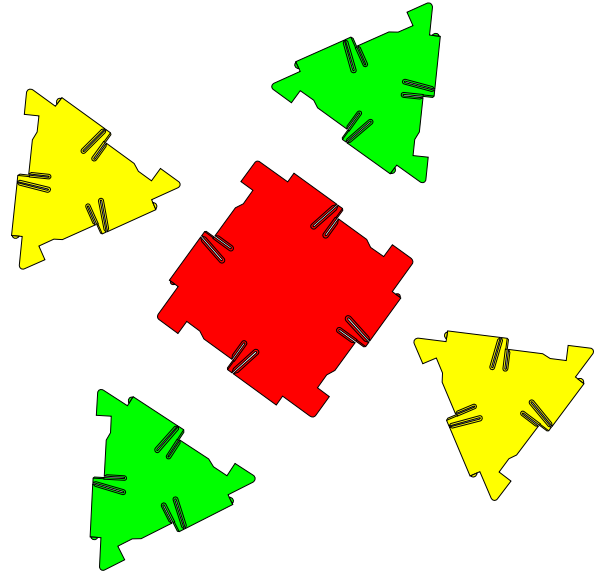




# Set 1 - Pyramids

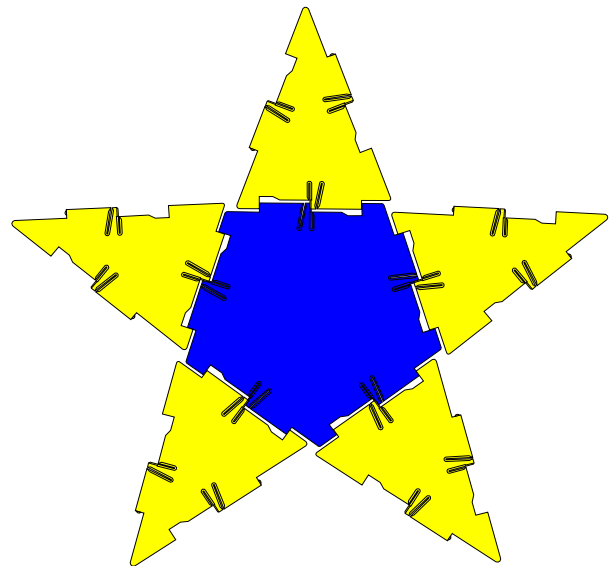


- Use these shapes to make a pyramid of your own.

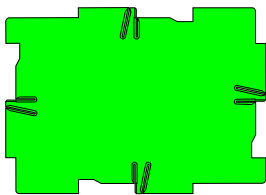


- Make a taller pyramid with these triangles.

- Make this star shape into a pyramid.



## More Ideas

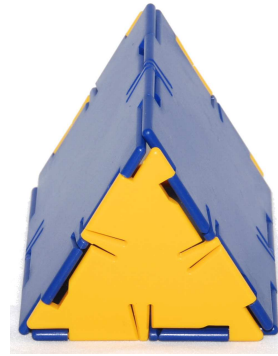


- Make a pyramid with a rectangle for the base.
- Make a different pyramid with a rectangle for the base.

# Set 1 - Prisms

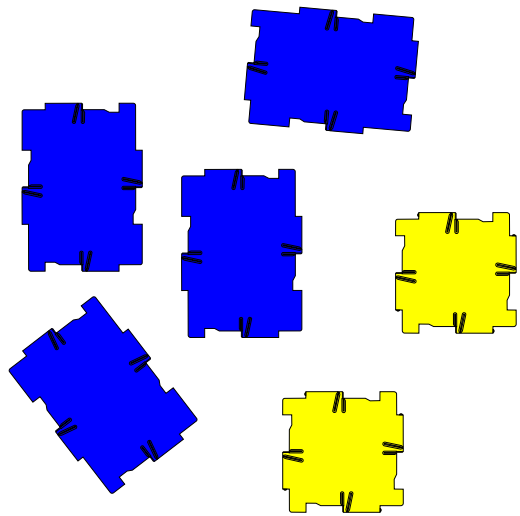
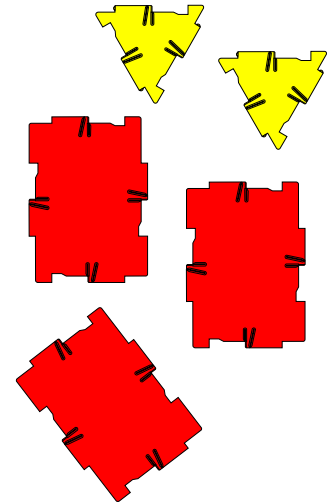


- This solid is called a prism.



- A prism has the same shape at each end and a belt made from squares or rectangles.

- Use these shapes to make a prism of your own.



- Make a prism with these squares and rectangles.
- This prism is also a cuboid.

## More Ideas

- Make a prism with a pentagon at each end.
- Make an unusual prism with two triangles at each end.

