

# PENTOMINOES #1

## COURSE/LEVEL

NSW Secondary High School Year 7 Mathematics.

## TOPIC

- Plane Shapes

## SUMMARY

Students work in small groups to create pentominoes.

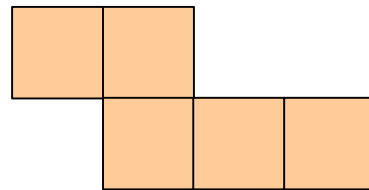
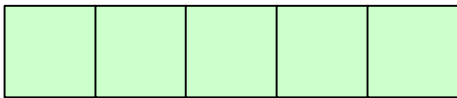
## EQUIPMENT

5 square shapes  
This worksheet (1 page)  
Grid Paper

## INSTRUCTIONS

Pentominoes are flat shapes made by joining 5 identical squares together. Each square must touch the one alongside it along the full edge – not just at the corners.

Here are two pentominoes:

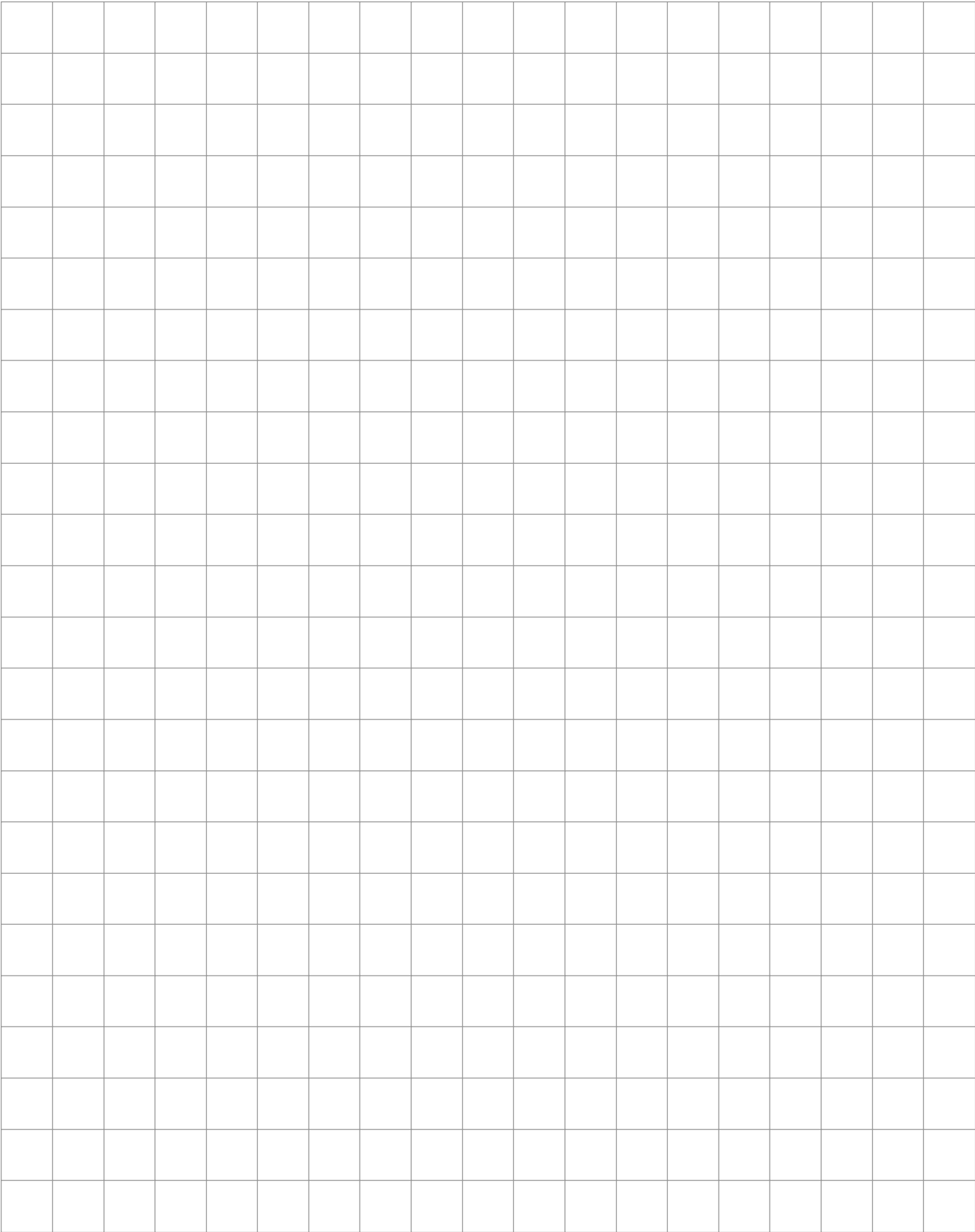


There are in fact 12 pentominoes in total.

## EXERCISE

Your task is to use the squares given to you to find the other ten pentominoes.

Draw them on the grid paper and check the answers when you think you have them all.



# PENTOMINOES

## Answers

