

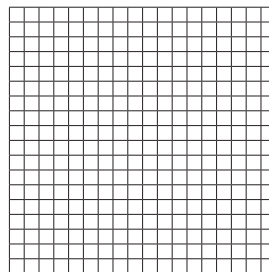
6 MAKING BOXES



- one A4 sheet of 1 cm squared paper for each group member
- scissors
- sticky tape

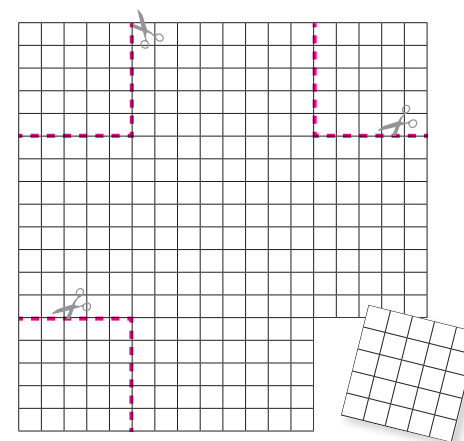


- Each person in the group cuts out a square which is 18 cm by 18 cm from the sheet of squared paper.

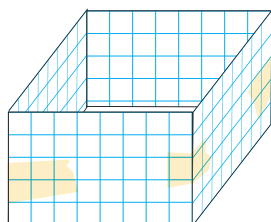


- From each corner of your square, cut out a square. Make sure you cut the same sized square from each corner. Have each member of your group choose a different sized square to cut.

Example Jess cut out a 2 cm by 2 cm square from each corner.
Max cut out a 5 cm by 5 cm square from each corner.



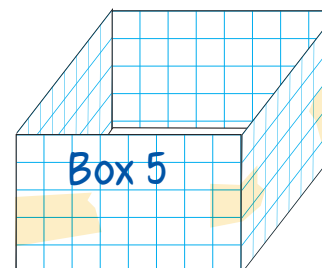
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Fold the remaining paper to make a box.
Tape the box together.

- Label the boxes according to the size of the square that you cut from the corner.

Example Box 1 would have a 1 cm square cut from the corner etc.



- Find the volume of each of the boxes.
- Put the boxes in order from the least volume to the greatest volume.
- What do you notice?