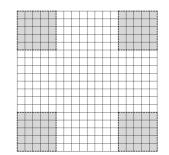
Boxes, Boxes, Boxes

You will need: cm grid paper, pencils, scissors, tape, cm cubes,

- You will need to cut out three 18x18 cm squares.
- 2. Now you will cut parts of each square
 - Square 1: Cut out a 2 x2 cm square from each corner.
 - Square 2: Cut out a 5x5 cm square from each corner.
 - Square 3: Cut out a 3x5 cm rectangle from each corner.



- 3. Fold the sides of each square to make an open box and tape the corners together.
- What do you estimate the volume of each box to be? Write down your 4. estimates.
- Think about which box will have the greatest volume and which will have 5. the least. Why do you think that?
- Find the volume of each box using the cm cubes. 6.
- Compare your estimates to your actual results. Record your results and 7. analysis.

