

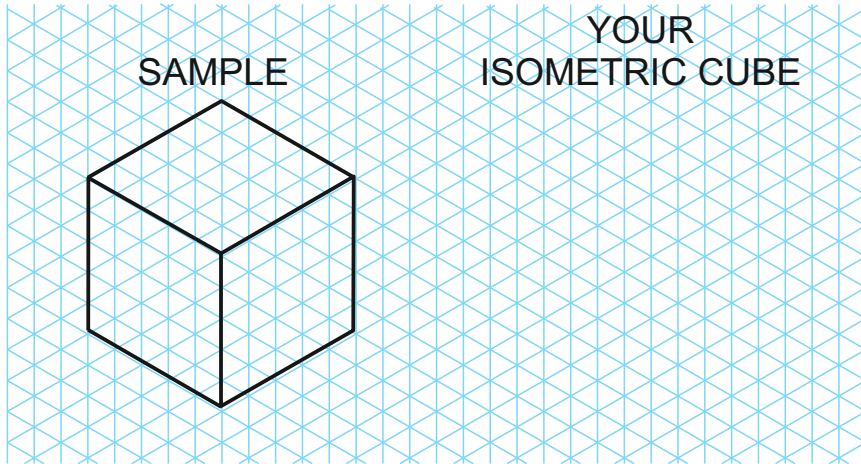
You will need to print out this page, to complete the exercise. Click on the link, where it appears on this sheet, for guidance and samples.

INTRODUCTION TO ISOMETRIC DRAWING

EXERCISE 1

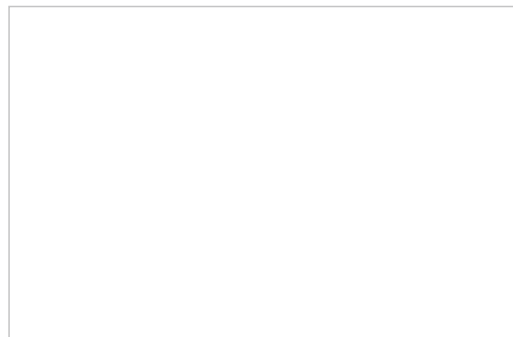
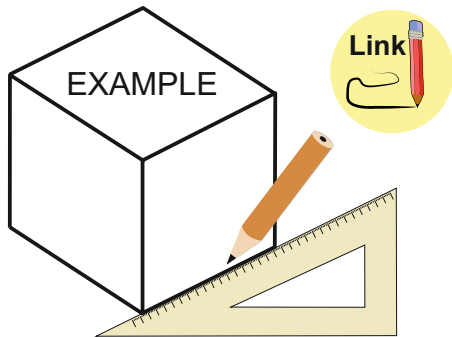
What you need to do:

Using a ruler / set square, draw a copy of the isometric cube, alongside the sample.



EXTENSION WORK

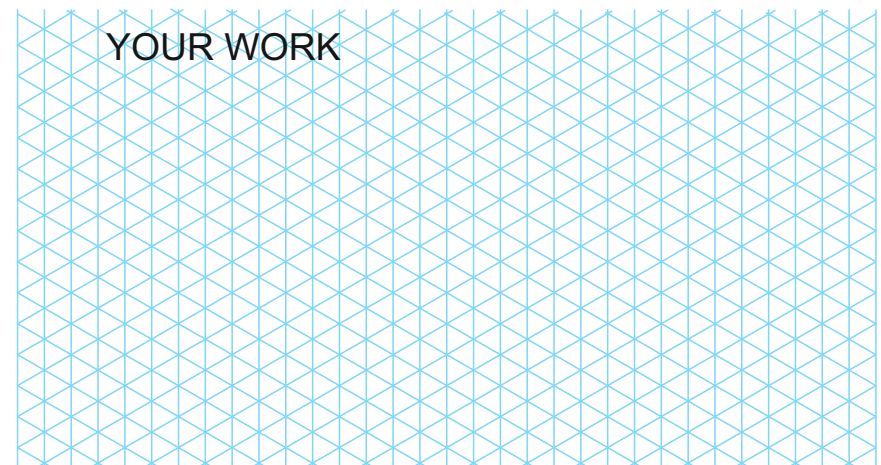
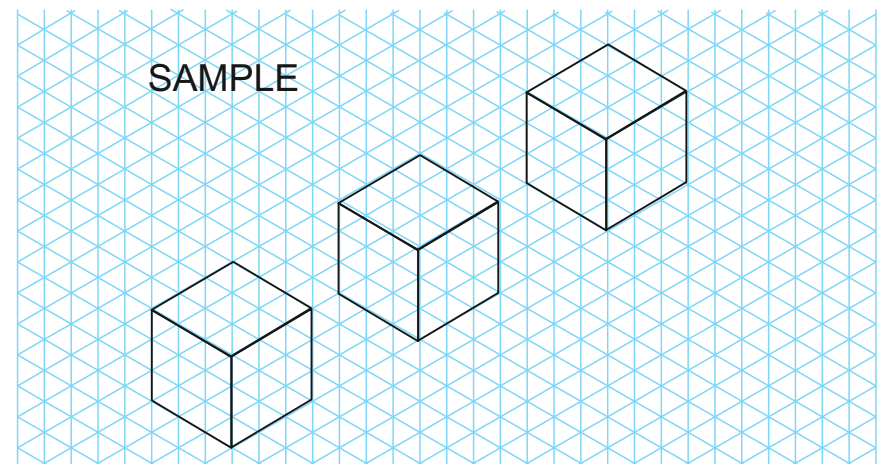
Alongside the example, draw an isometric cube, using a 30 degree set square. If you do not have a set square, use a ruler and estimate the angles. *All the sides should be the same size.*



EXERCISE 2

What you need to do:

Using the grid at the bottom of the page: Draw three isometric cubes, in line with each other and equally spaced, as shown below.



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INTRODUCTION TO ISOMETRIC DRAWING

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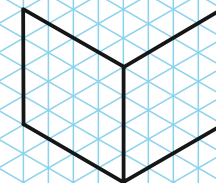
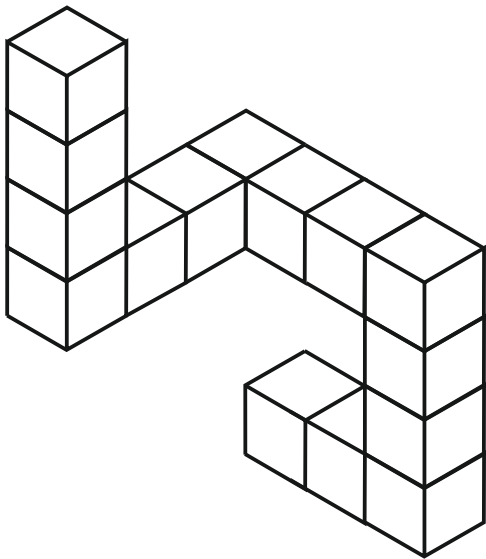
EXERCISE 3

What you need to do:

Using the cube at the bottom of the isometric grid as the starting point, construct a pattern of isometric cubes. Each cube must be the same size. A sample pattern is shown alongside the grid. Follow the link for guidance.



SAMPLE PATTERN



You will need to print out this page, to complete the exercise. Click on the link, where it appears on this sheet, for guidance and samples.

EXERCISE 4

What you need to do

A 3D isometric sketch of a typical container is drawn below.

Using the isometric grid, draw your version of the container.

