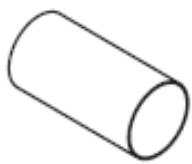


Spatial Awareness

An outdoor play system has been produced. Various arrangements can be made using four tunnel sections. Each section is colour coded on the inside.

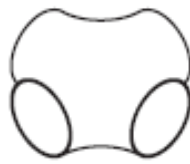
A 3D CAD illustration and pictorial line drawings are shown below.



Section 1



Section 2



Section 3



Section 4

Pictorial Line Drawings

1 An incomplete **Parts List** for the 3D illustration is shown below.

Complete the table below by adding how many parts of each is required to make the above model, as well as the colour of the inside of the pipes. [6]

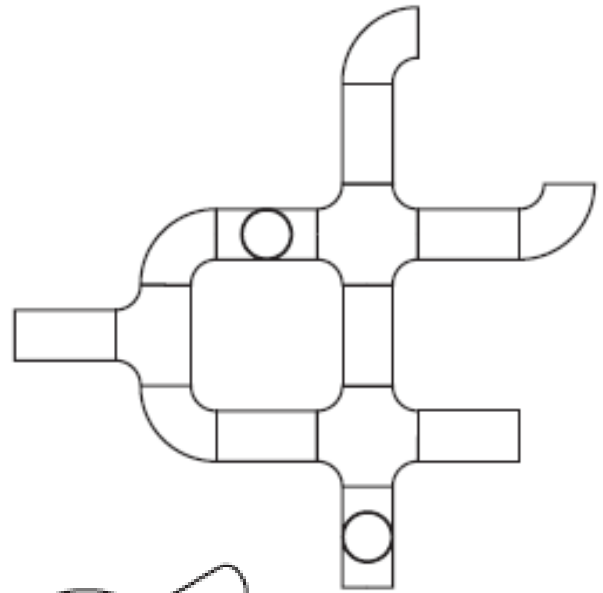
	Quantity	Colour	
Section 1	6		1 i
Section 2			1 ii, 1 iii
Section 3		magenta	1 iv
Section 4			1 v, 1 vi

Spatial Awareness

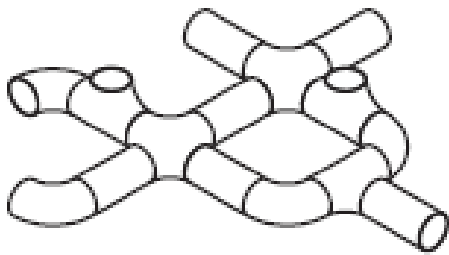
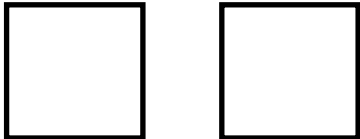
An orthographic assembled plan of one arrangement is shown to the right.

Two of the views below match the plan to the right. Select the two letters.

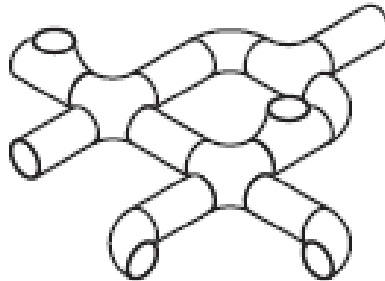
(2)



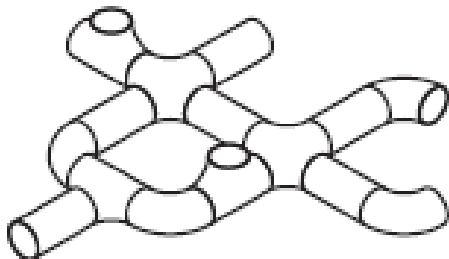
Answers:



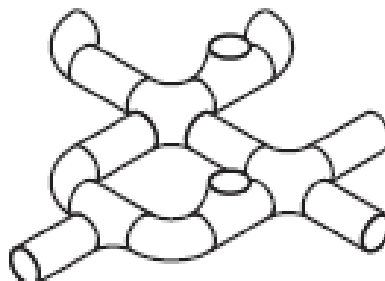
A



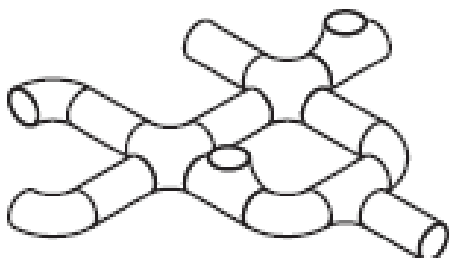
B



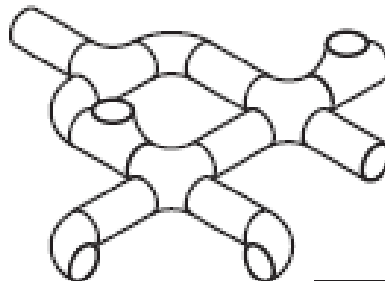
C



D



E



F