Name: _____

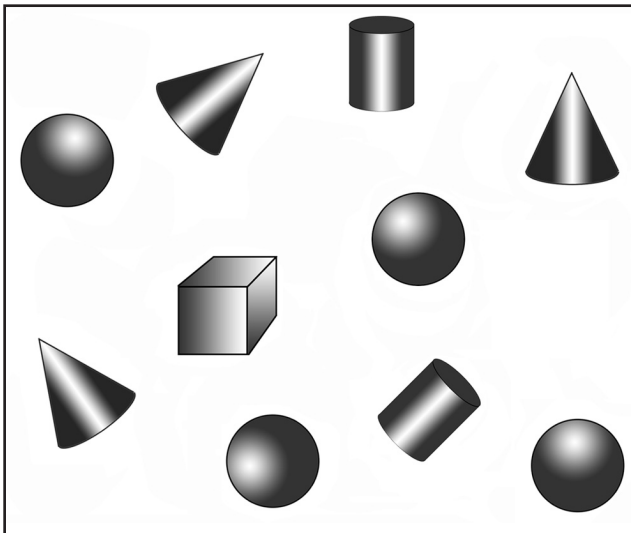**1** (i) Draw a robot in the box below, following these directions.

The robot has a triangle for a head and a square body. It has two legs and two arms. Each leg is a rectangle and each arm is made of three circles. You may give your robot some feet and a face if you wish.
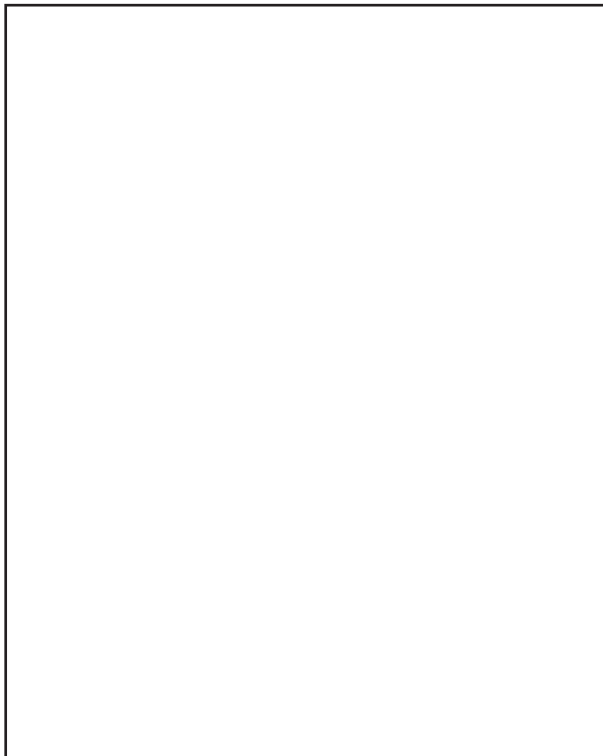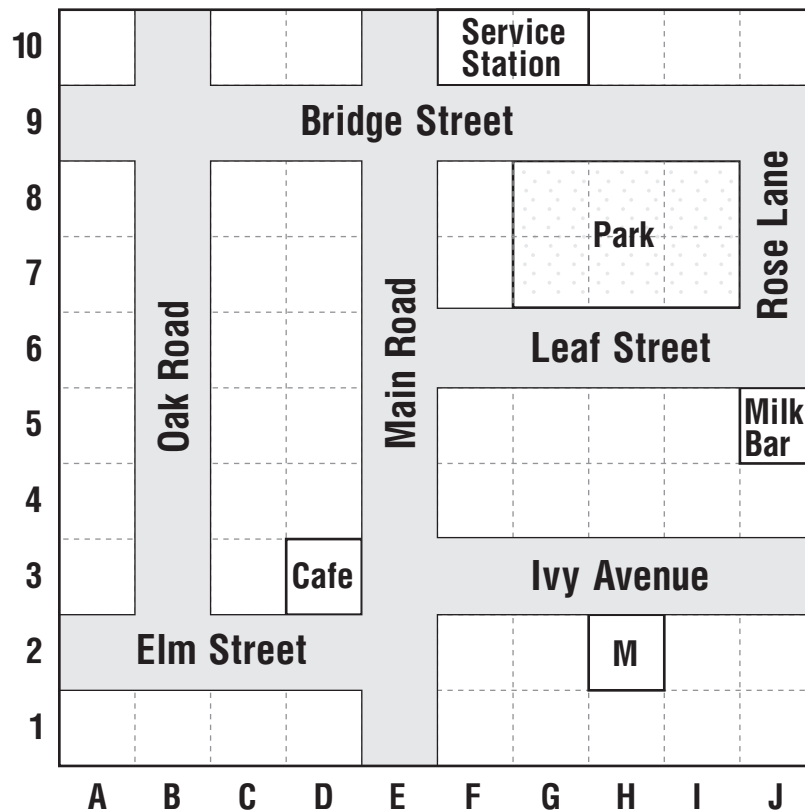
/4

(ii) Count the 3-dimensional shapes and complete the table.

3-D Shape	Number
cone	
cube	
sphere	
cylinder	

/2

Score 1: /6

Town Map

2

(i) What is the grid reference for the Cafe? [ ] /1

(ii) There is a pizza shop at F7.

Label the shop with [**P**] /1

(iii) The Service Station covers grid squares [ ] and [ ] /1

(iv) Rob lives on the corner of Main Road and Bridge Street diagonally opposite the Service Station.

Label his house with [**R**] /1

Score 2: /4

3 Look at the **Town Map** on Page 2.

(i) Draw a tree in one square anywhere in the park.

What is the grid reference of your tree? [ ]

/2

(ii) Matt lives at H2.

His house is labelled with [**M**]

Matt takes his dog for a walk. He leaves home, turns left and walks along Ivy Avenue to Main Road. He turns left into Main Road, right into Elm Street, then right into Oak Road and right again into Bridge Street. He walks along Bridge Street and then across the park to the Milk Bar.

Draw the path he takes on the map.

/3

(iii) Tina lives opposite the park and next to the Milk Bar.

Label her house with [**T**]

/1

(iv) Tina leaves home, turns left and walks along Leaf Street. She turns left and then into the next street on her right.

The name of this street is
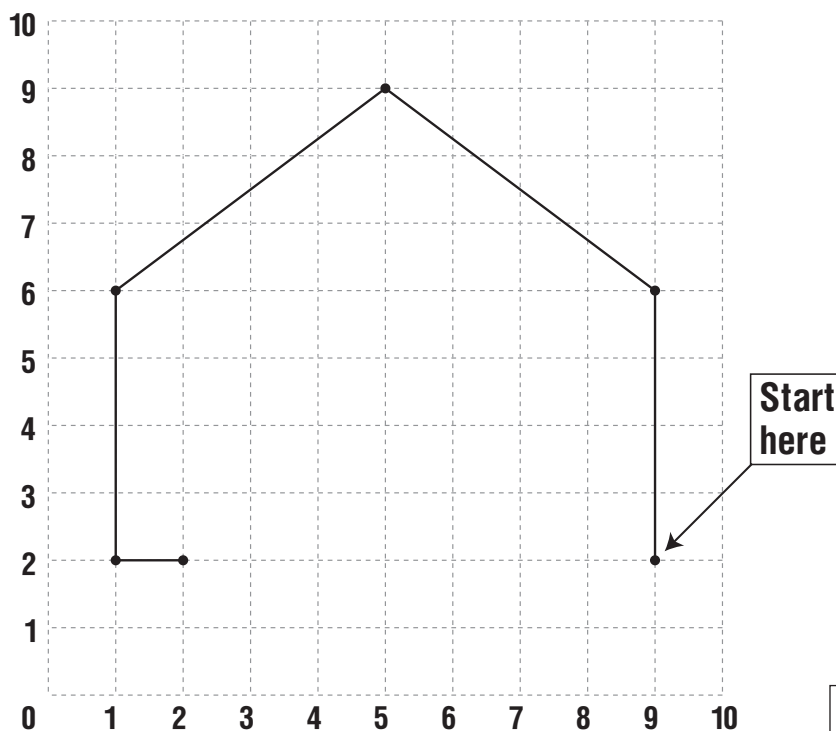
[ ]

/1

Score 3:   /7

Year 5 only

4 (i) Complete the drawing of a house on the grid below by joining the points.

(9, 2) to (4, 2)

(4, 2) to (4, 5)

(4, 5) to (2, 5)

(2, 5) to (2, 2)

Start here

/3

(ii) Draw a rectangular window for the house on the grid lines.   /1

(iii) Give the coordinates of the corners of your window.

,

,

,

,   /2

Score 4:   /6