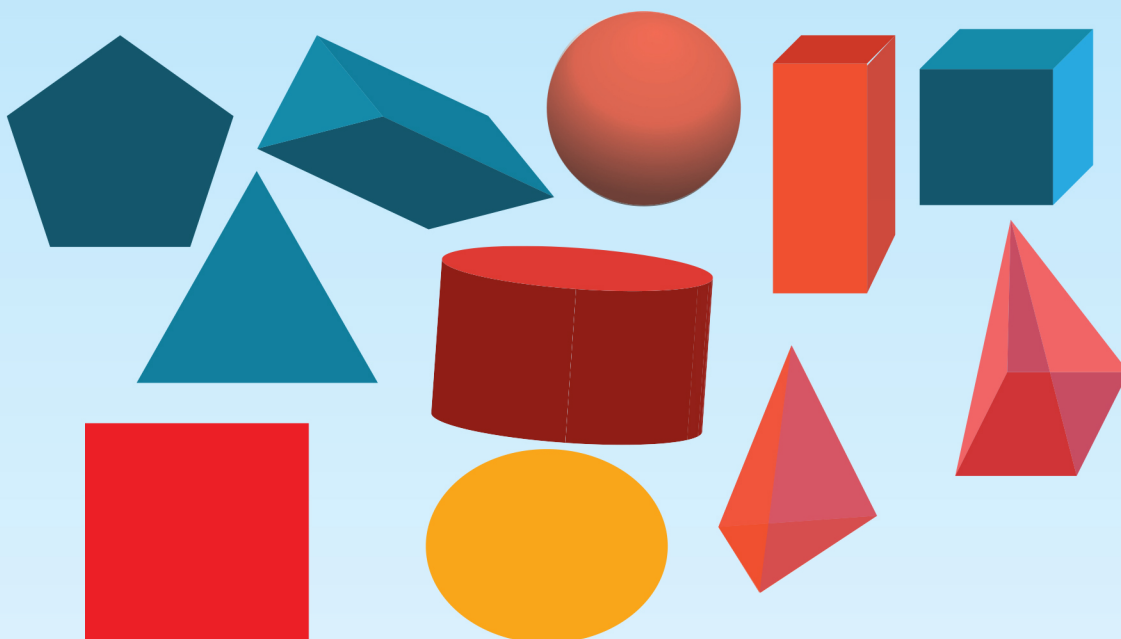
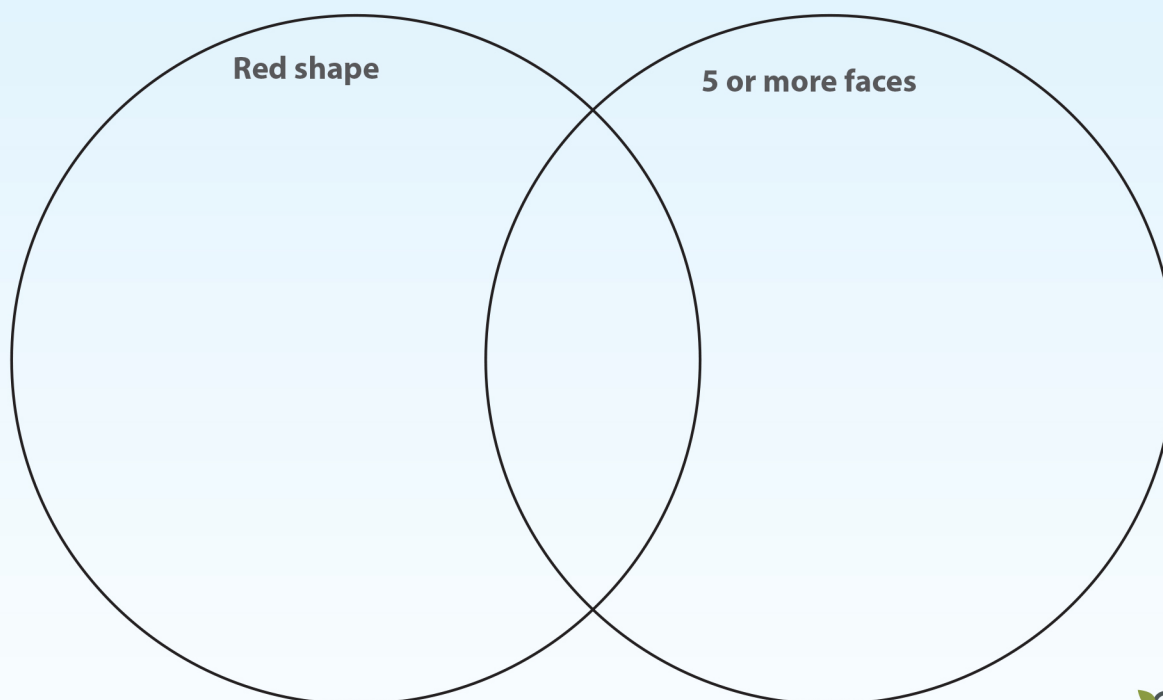


Activity 3

Sort the shapes using their properties.

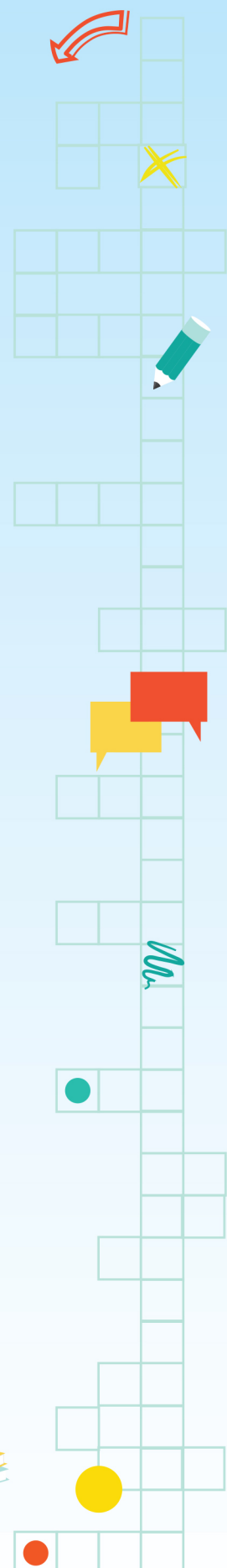


Hint: if the shape is both red and has 5 or more faces it goes in the middle section- as both rules apply to the shape. If the shape matches none of the rules, the shape remains outside the Venn Diagram.



Teacher Tip

Remind children of properties used to define 2-D and 3-D shapes.
Extra activity: children can look for 2-D/3-D shapes in the classroom- sort using range of criteria.



Locate positions

CAPS: Grade 4, Term 4

Shape and space

Position and Movement

Location and directions: Locate position of objects, drawings or symbols on grid using alpha-numeric grid references

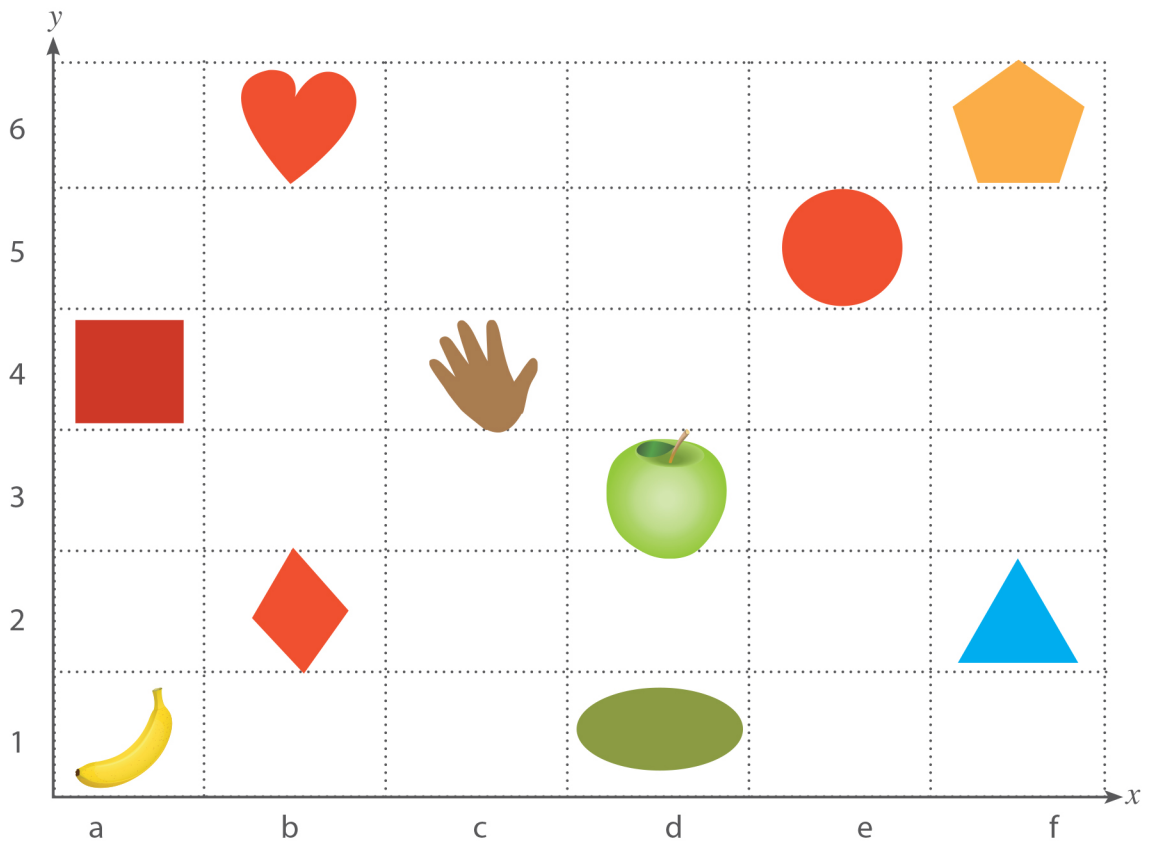
Note

LOCATE POSITIONS

We can find position on a grid using an alpha-numeric grid. The grid is labelled using letters (alpha) and numbers (numeric). We use the letters and numbers to locate the position of an object.

The x-axis is *horizontal* (lying down)

The y-axis is *vertical* (standing up)



Activity 1

Identify the position (co-ordinates) of the following objects:

Example



We look (read) along the x-axis first, then the y-axis to find the position.
The circle is in line with the **e** on the x-axis and the **5** on the y-axis.
The circle's position is at **e5**.
These are called the **co-ordinates**.

(a) heart _____

(b) square _____

(c) triangle _____

(d) oval _____

(e) hand _____

(f) diamond _____

(g) banana _____

(h) apple _____

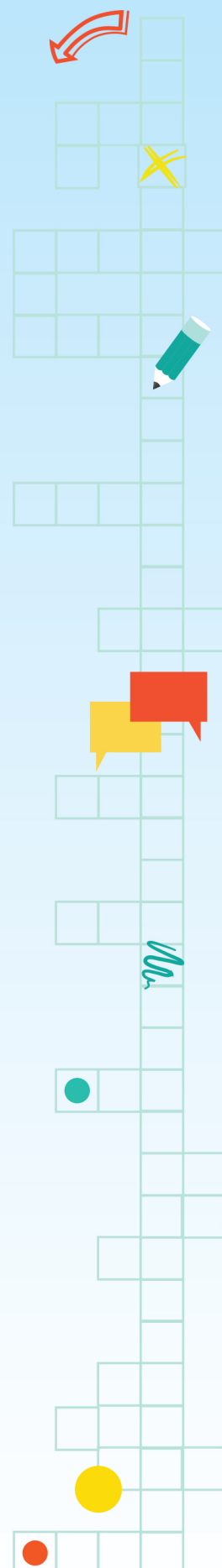
(i) pentagon _____

Answer the following questions.:

(a) If the oval moves 2 blocks to the right, what will the new position (co-ordinates) be?

(b) If the square moves 1 block down and 2 blocks to the right, what will the new position (co-ordinates) be?

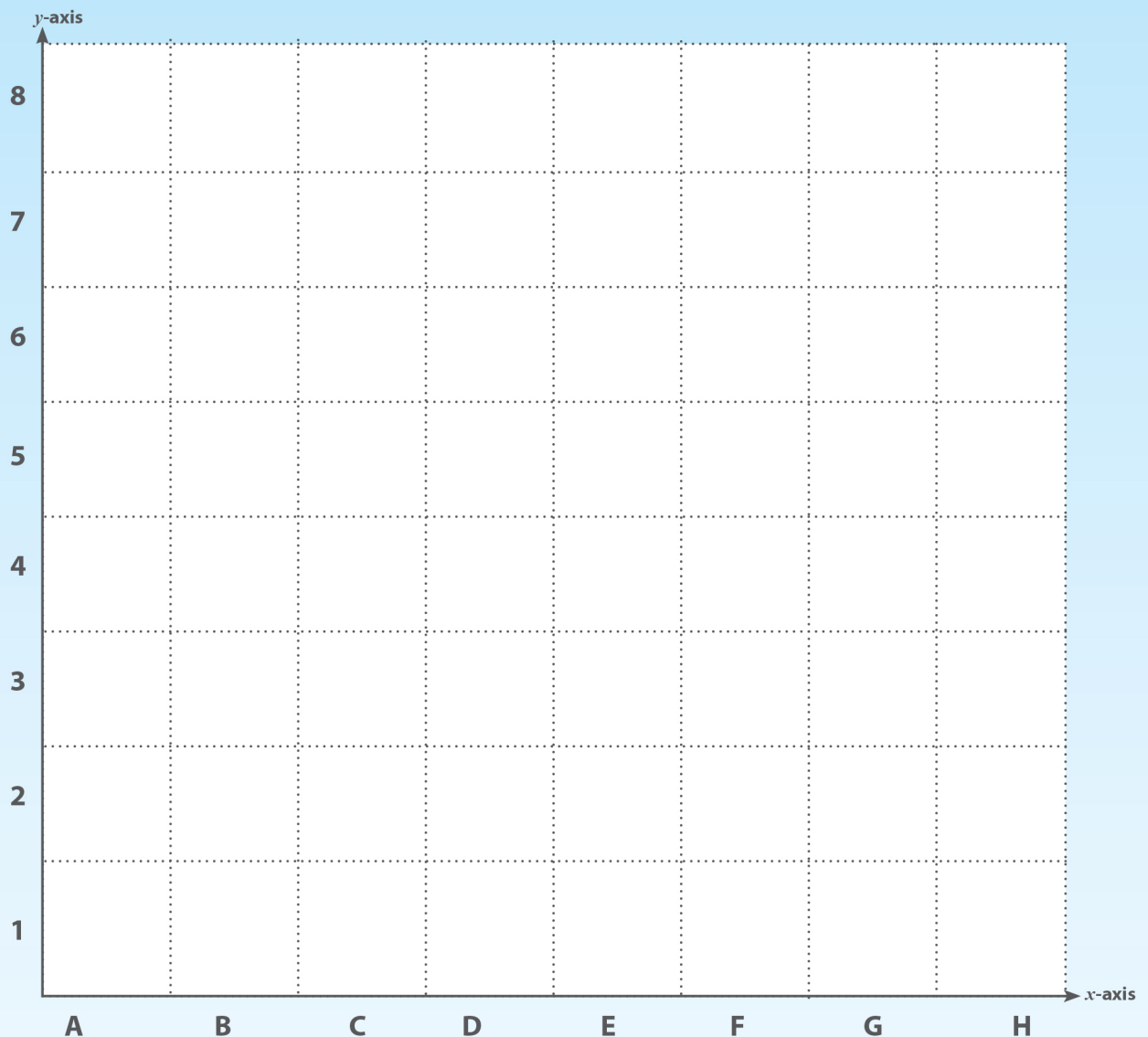
(c) If the hand moves 3 blocks down, what will the new position (co-ordinates) be?





Activity 2

Use the given co-ordinates and draw the objects on in the grid.



- Draw a red square in block C4.
- Draw a green triangle in block G5.
- Draw a blue circle in block B8.
- Draw a yellow heart in block A7.
- Draw a pink diamond in block D3.
- Draw an orange pentagon in block E1

Teacher Tip

Remind learners of properties used to define 2-D and 3-D shapes.

Extra activity: create a treasure map/ or large class grid, and let everyone place an object on the grid.

