

Handout**1 – 5**

Section 7

Enrichment**Secrets behind the Coordinates****1. Find the secret word.**

- **Plot** the following points in the Cartesian plane.
- **Connect** the points, in order, to find each letter.

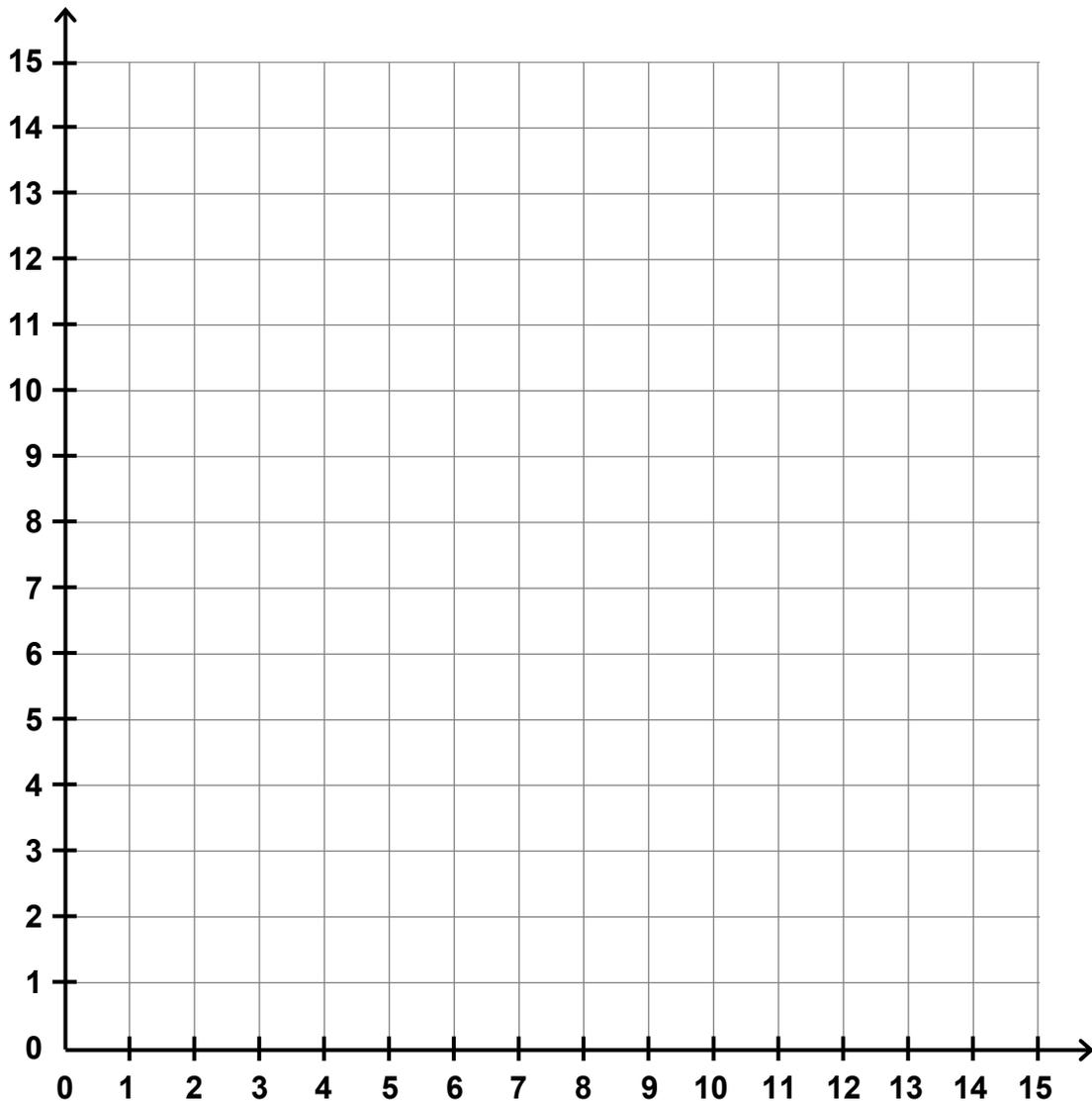
1st letter: (3, 14), (3, 6), (1, 14), (1, 6)

2nd letter: (4, 14), (4, 6)

3rd letter: (7, 14), (5, 14), (5, 6), (7, 6), (7, 10), (6, 10)

4th letter: (8, 14), (8, 6), (8, 10), (10, 10), (10, 14), (10, 6)

5th letter: (11, 14), (13, 14), (12, 14), (12, 6)



Handout**1 – 5**
Section 7**Enrichment****Secrets behind the Coordinates (cont'd)****2. Find the secret picture.**

- **Plot** the following points in the Cartesian plane.
- **Connect** the points, in order, to find the 3 shapes that make up the picture.

1st shape: (7, 6), (5, 7), (4, 8), (4, 10), (5, 11), (7, 12), (9, 12), (11, 11),
(12, 10), (12, 8), (11, 7), (9, 6), (7, 6)

2nd shape: (4, 8), (2, 5), (1, 6), (2, 7), (1, 8), (2, 9), (1, 10), (2, 11), (1, 12),
(2, 13), (4, 10), (4, 8)

3rd shape: (12, 8), (14, 5), (15, 6), (14, 7), (15, 8), (14, 9), (15, 10), (14, 11),
(15, 12), (14, 13), (12, 10), (12, 8)

