**Translation**

L.O: To be able to draw the position of a shape after translation.



A

D

B

C

**2**

**4**

A

D

B

C

**3**

A

D

B

C

A

D

B

C

**1**

**5**

A

D

B

C

**6**

A

D

B

C

**Draw the shape in the new position after translation and then label the corners of the translated shape with A1, B1, C1 & D1, and then find the co-ordinates.**

**Translate the shape:**

|  |  |
| --- | --- |
| 1 = **5** units left and **6** units up | 4 = **2** units right and **5** units down |
| 2 = **5** units right and **3** units down | 5 = **4** units left and **5** units up  |
| 3 = **2** units left and **4** units down | 6 = **5** units left and **6** units up |

**Translation cont.**

**Co-ordinates for the shapes:**

1 = A (\_\_, \_\_), B (\_\_, \_\_), C (\_\_, \_\_), D (\_\_, \_\_)

 A1 (\_\_, \_\_), B1 (\_\_, \_\_), C1 (\_\_, \_\_), D1 (\_\_, \_\_)

2 = A (\_\_, \_\_), B (\_\_, \_\_), C (\_\_, \_\_), D (\_\_, \_\_)

 A1 (\_\_, \_\_), B1 (\_\_, \_\_), C1 (\_\_, \_\_), D1 (\_\_, \_\_)

3 = A (\_\_, \_\_), B (\_\_, \_\_), C (\_\_, \_\_), D (\_\_, \_\_)

 A1 (\_\_, \_\_), B1 (\_\_, \_\_), C1 (\_\_, \_\_), D1 (\_\_, \_\_)

4 = A (\_\_, \_\_), B (\_\_, \_\_), C (\_\_, \_\_), D (\_\_, \_\_)

 A1 (\_\_, \_\_), B1 (\_\_, \_\_), C1 (\_\_, \_\_), D1 (\_\_, \_\_)

5 = A (\_\_, \_\_), B (\_\_, \_\_), C (\_\_, \_\_), D (\_\_, \_\_)

 A1 (\_\_, \_\_), B1 (\_\_, \_\_), C1 (\_\_, \_\_), D1 (\_\_, \_\_)

6 = A (\_\_, \_\_), B (\_\_, \_\_), C (\_\_, \_\_), D (\_\_, \_\_)

 A1 (\_\_, \_\_), B1 (\_\_, \_\_), C1 (\_\_, \_\_), D1 (\_\_, \_\_)