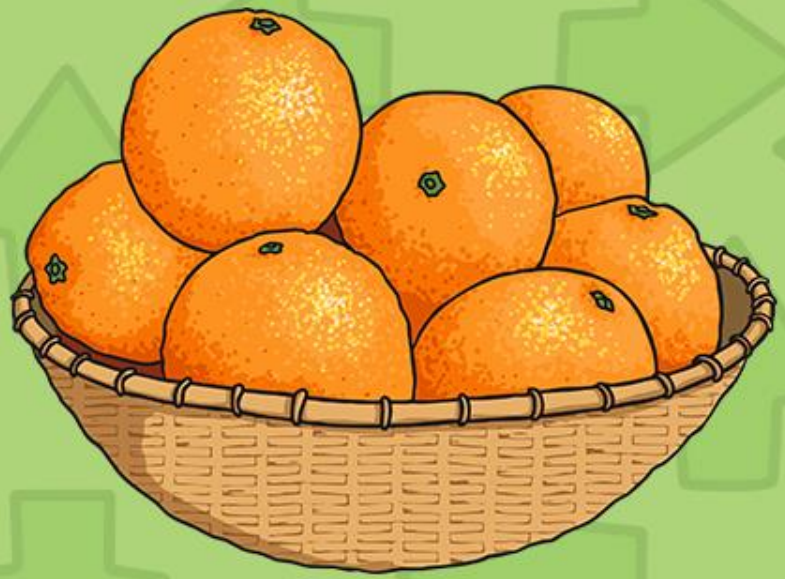
# Maths

## Position and Direction

# Drawing Translated Shapes



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# Aim

- I can draw the position of a shape following a translation.

# Success Criteria

- I can read, write and plot coordinates in the first quadrant.
- I know that translation is a movement from one position to another without rotation or resizing.

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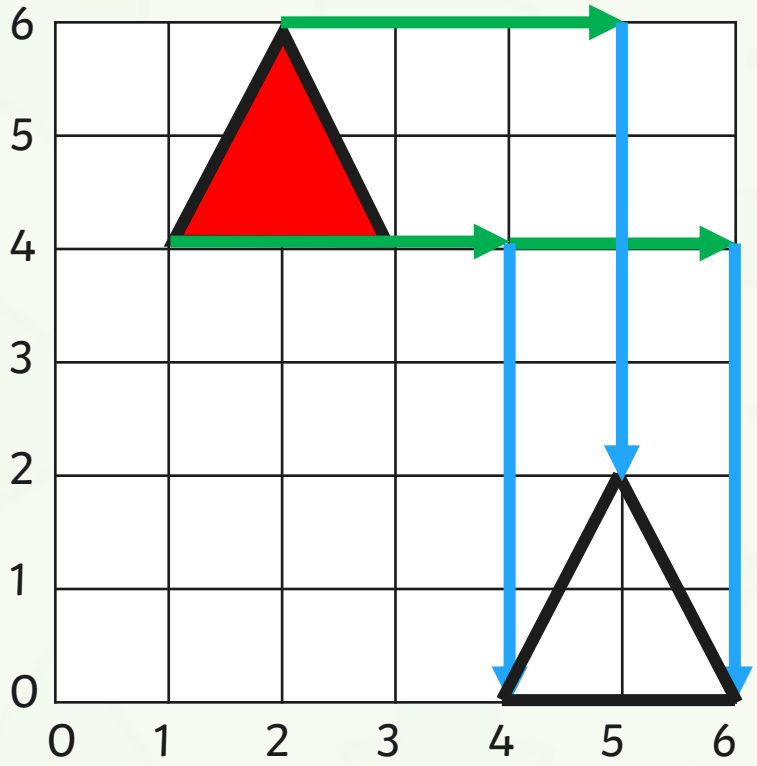
# Drawing a Translated Shape




When asked to draw a 2D shape in the new position after a translation, we have to make sure that **each corner** of the shape is moved the **same direction** and the **same number**.

The **triangle** is translated

**Right 3**
**Down 4**

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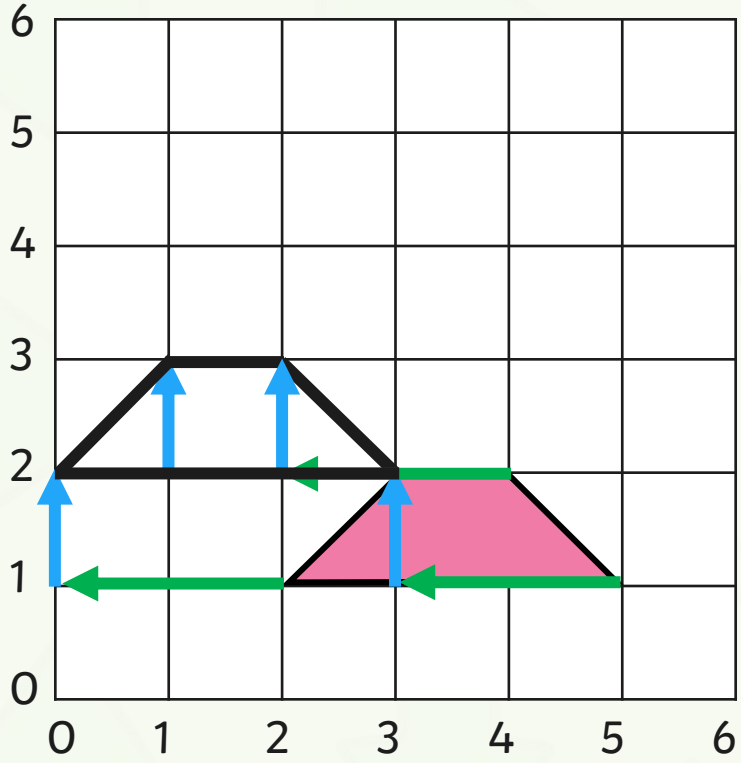
# Drawing a Translated Shape




When asked to draw a 2D shape in the new position after a translation, we have to make sure that **each corner** of the shape is moved the **same direction** and the **same number**.

The **trapezium** is translated

**Left 2**
**Up 1**

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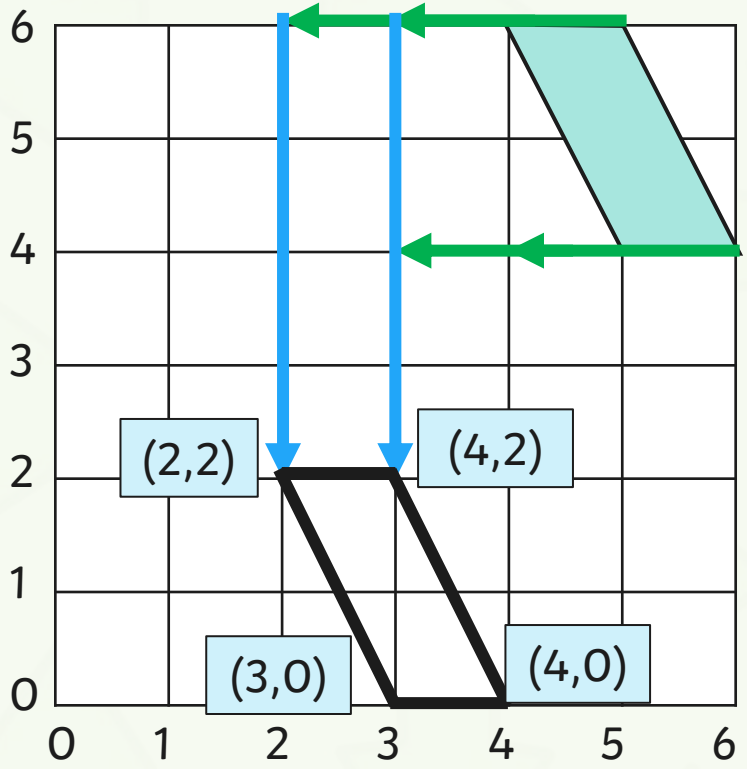
# Drawing a Translated Shape




When asked to draw a 2D shape in the new position after a translation, we have to make sure that **each corner** of the shape is moved the **same direction** and the **same number**.

The **Parallelogram** is translated

**Left 2**
**Down 4**

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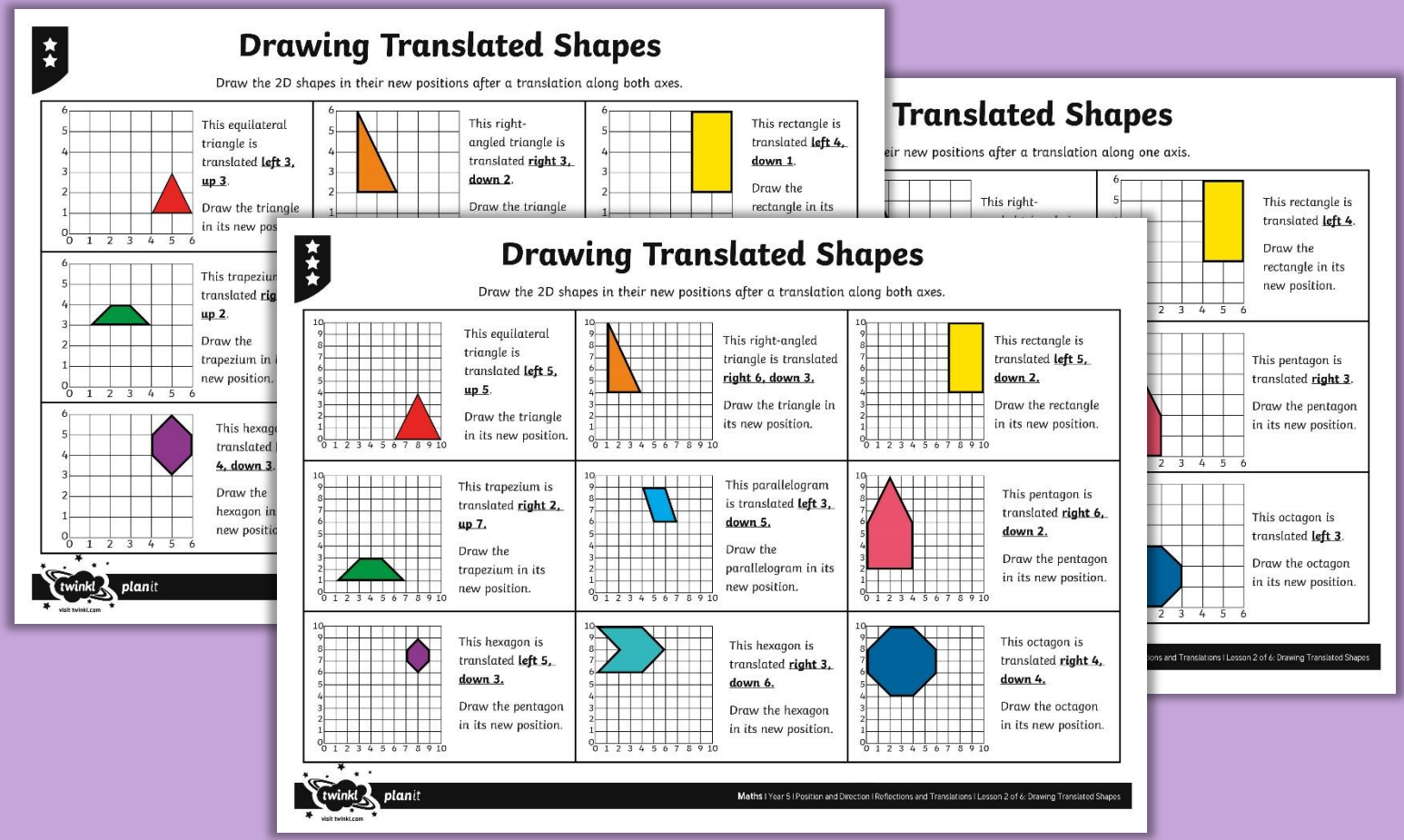
# Choose the right challenge level

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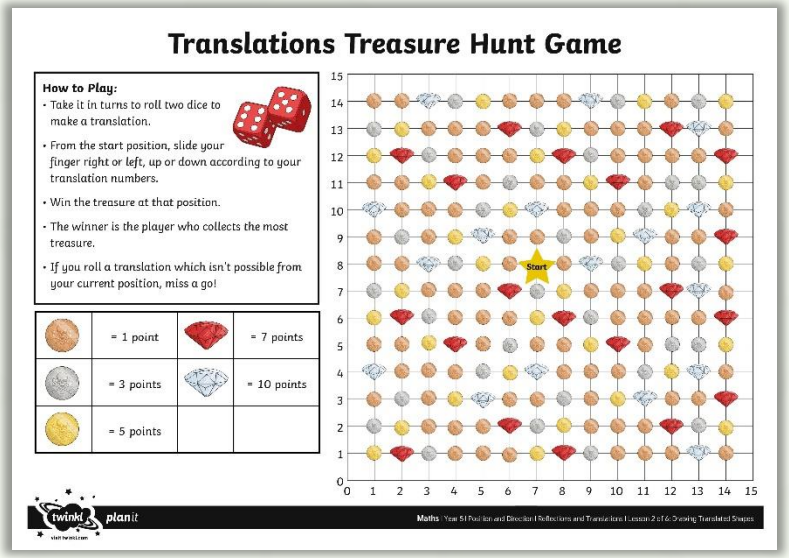
# Translation Treasure Hunt

**How to play:**

- Take it in turns to roll two dice to make a translation.
- From the start position, slide your finger right or left, up or down according to your translation numbers.
- Win the treasure at that position.
- The winner is the player who collects the most treasure.
- If you roll a translation number which isn't possible from your current position, miss a go!

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