



LV50 Learning

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All activities and resources have been designed to compliment primary curriculum objectives.

Activity: Understanding the Foredeck - Coordinates

UKS2 Maths (Year 6)

N.C. Objective

- Describe positions on the full coordinate grid (all 4 quadrants)
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes



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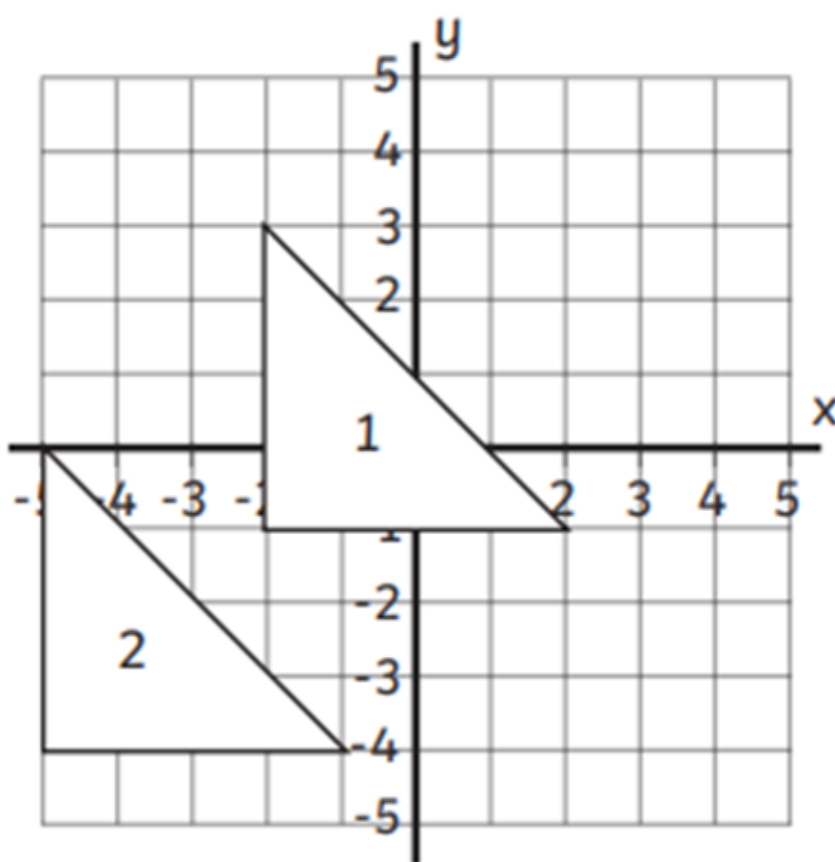
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Activity One

Look at the coordinates below. Can you show the translation of the LV50 bow from its starting points to the next part of its journey?



Starting coordinates

Translation

Finishing coordinates



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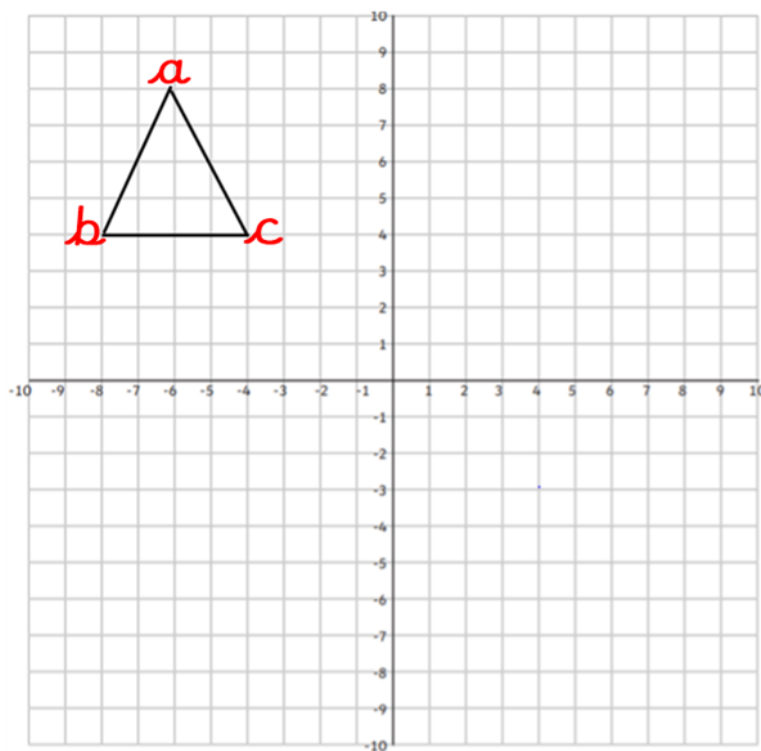
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Activity Two



- Name the coordinates of the LV50 bow in the top left quadrant:
a = (_____, _____)
b = (_____, _____)
c = (_____, _____)
- Reflect the shape in the remaining quadrants (use the mirror lines).
- Record the new coordinates for the LV50 bow in its new position:
Top Right quadrant: Bottom left quadrant: Bottom right quadrant:
a = (_____, _____) a = (_____, _____) a = (_____, _____)
b = (_____, _____) b = (_____, _____) b = (_____, _____)
c = (_____, _____) c = (_____, _____) c = (_____, _____)