

Maths Knowledge Organiser

Year 6: Position and Direction





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Missing Coordinates



Point a is in the same position along the x-axis as (5,2) and in the same position on the y-axis as (7,9). **Point a (5,9)**

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Point b is in the same position on the y-axis as (10,4). Both triangles will have the same width. The width of the right-hand triangle is 3. This means that the width of the left-hand triangle is also 3. Point b (2,4)

Reflection REFLECT = FLIPA shape is **flipped** over a line which acts as a **mirror**. Every point on the original shape is the same distance from the mirror line as the same point on the reflected shape. The original triangle has been reflected in the x-axis and in the y-axis 4) Repeat with the other 1) Choose a point points. 2) Count the units from 5) Join the points using a the point to the mirror line ruler Count the same number out the other side and draw a dot. _.