

Reflection — Cheat Sheet

11+ Maths Guide · Year 5-6 · Keep this by your desk

REFLECTION

1. Find the mirror line first.
2. Each point lands the same distance the other side.
3. y-axis mirror: $(x,y) \rightarrow (-x,y)$. x-axis mirror: $(x,y) \rightarrow (x,-y)$.
4. Points on the mirror line stay put.

Example: $(3, 2) \rightarrow \text{x-axis} \rightarrow (3, -2)$ · $\text{y-axis} \rightarrow (-3, 2)$.