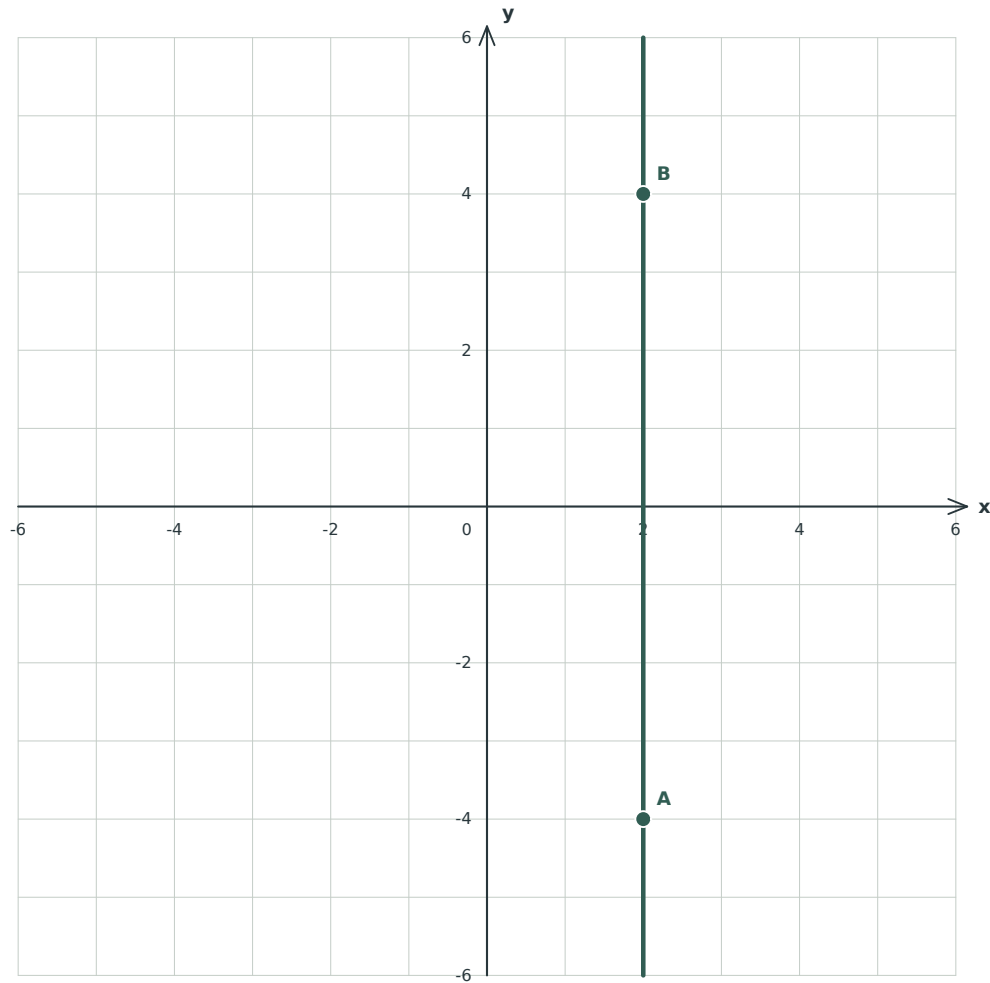


## Vertical line

Read the given graph. Use B minus A for both changes. A vertical line has no finite slope; do not divide by zero.

$A = (2, -4)$ ;  $B = (2, 4)$ . Arrows show coordinate directions. Every grid interval is 1 unit.



1. Find signed vertical and horizontal changes, B minus A? Compare the completed plot.
2. Slope (vertical / horizontal change)? Compare the completed plot.
3. How does the line run as x increases? Compare the completed plot.