Slope Triangle and Pythagoras Exercise

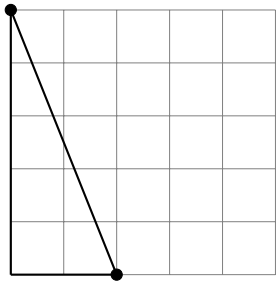
Instructions. For each diagram labelled A–K:

- Count the **vertical distance** (rise/fall) by counting the boxes.
- Count the **horizontal distance** (run).
- Then use **Pythagoras' Theorem** to calculate the slanted distance:

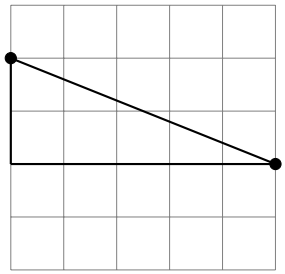
$$\text{Hypotenuse} \;=\; \sqrt{(\text{vertical})^2 + (\text{horizontal})^2}.$$

- Write all three distances onto the grid (vertical, horizontal, slanted).

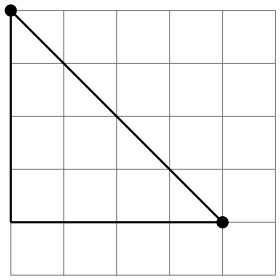
A



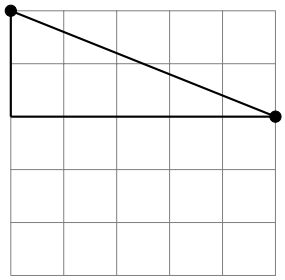
B



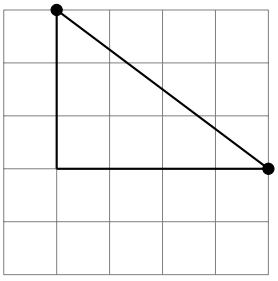
C



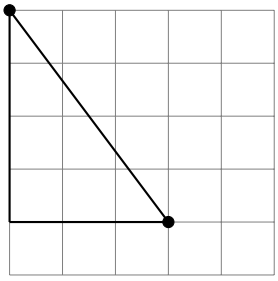
D



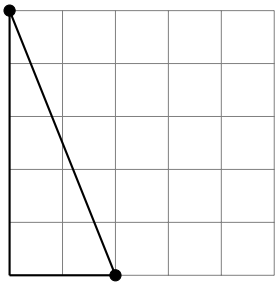
E



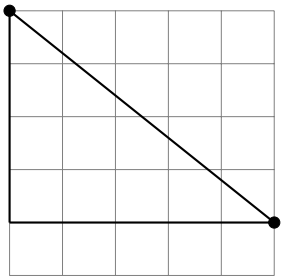
F



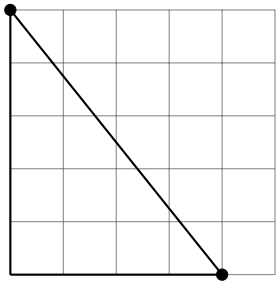
G



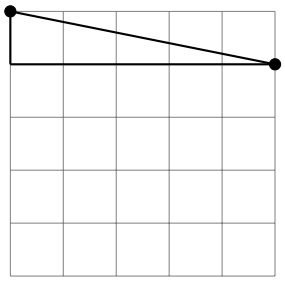
H



I



J



K