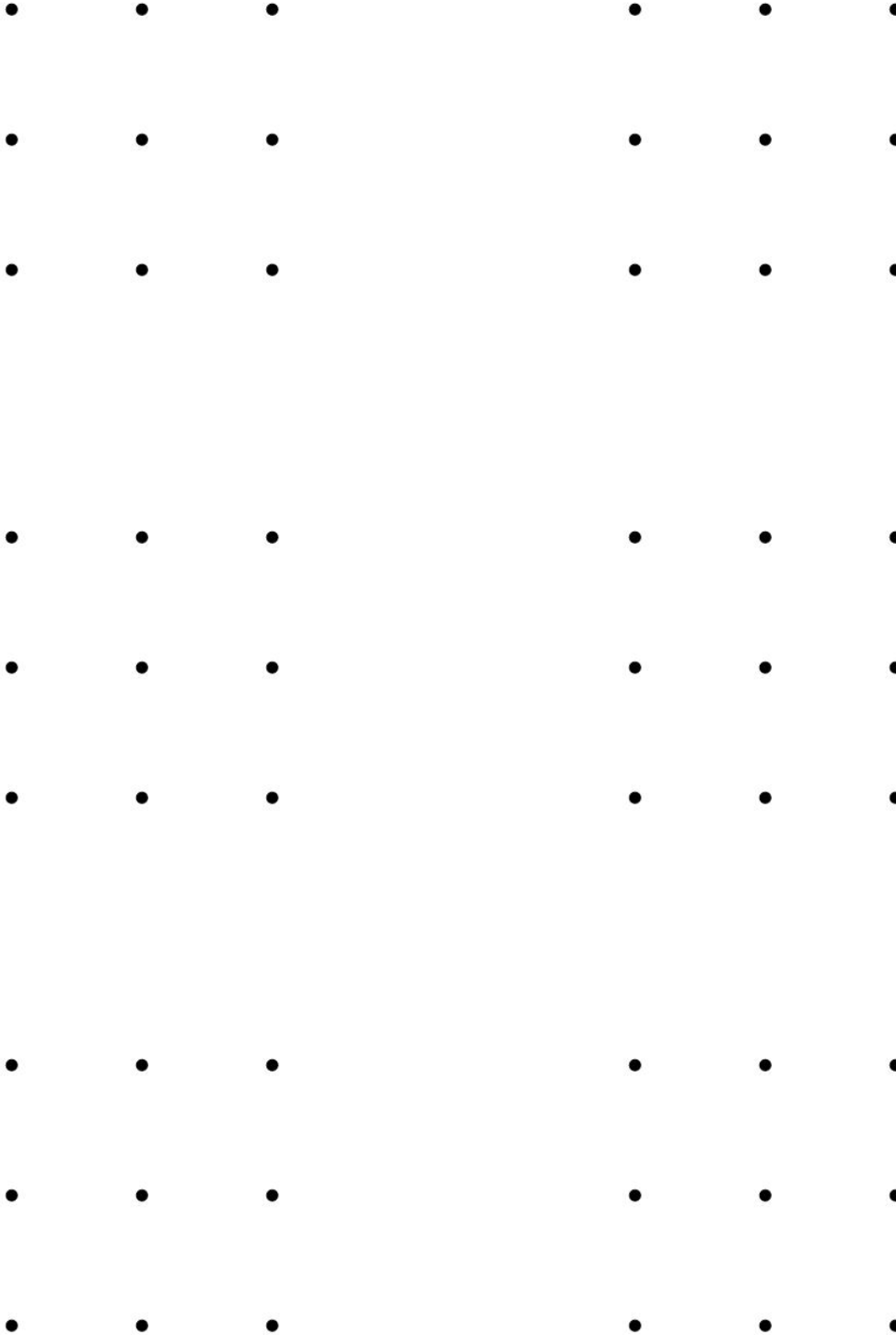


Takeya main activity

Try to draw one line of every *possible slope* on the grids below, using the *fewest points*.



Here are some 5x5 grids.

1. How many different slopes are there on this grid? (*Try drawing them!*)
2. What is the *smallest* number of points you need to draw one line of *each possible slope*?

