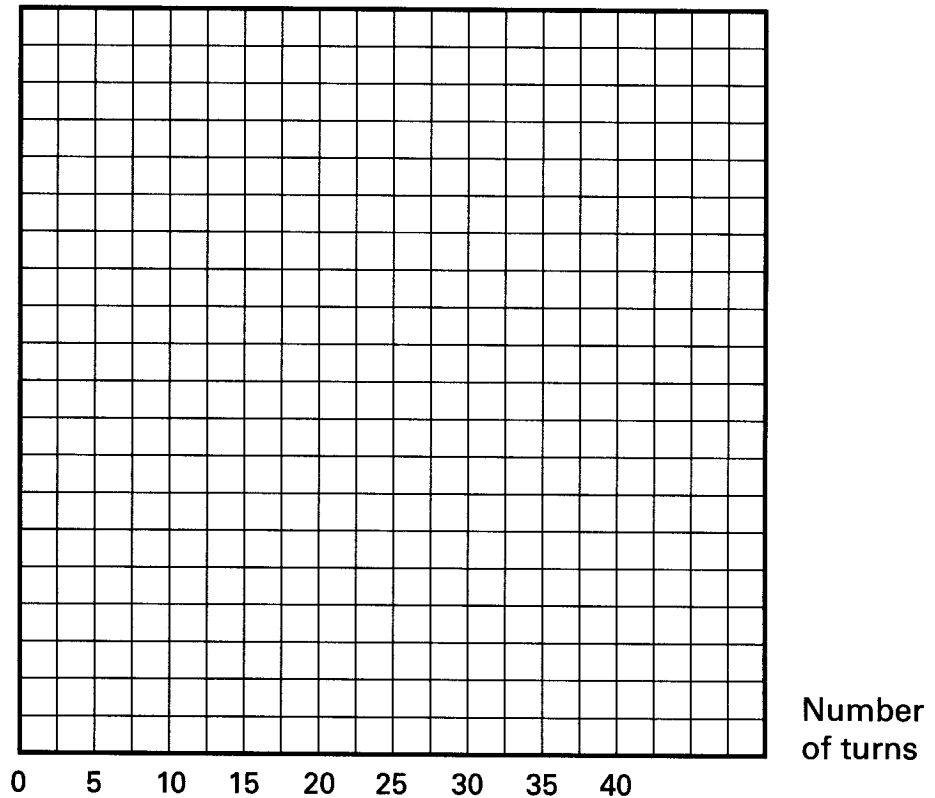


Plane Pretenders

1. Label the vertical axis "distance in mm." Pick a convenient scale, and write numbers on the vertical axis starting at 0. Keep the scale the same on the entire vertical axis.
2. Plot the data from the table in "What Happened." Use a different color for each bolt.
3. If your points look like they are on a straight line, use a straightedge to draw a line. The line should touch most of the points; those that it misses, it should miss by just a little bit. If your points look like they are on a curve, draw a smooth curved line through the points. Do not connect the points dot-to-dot. Label each line.

4. Put a descriptive title at the top of your graph.



Which line is the steepest? Which bolt has the largest pitch? Are your answers the same? Explain why.

