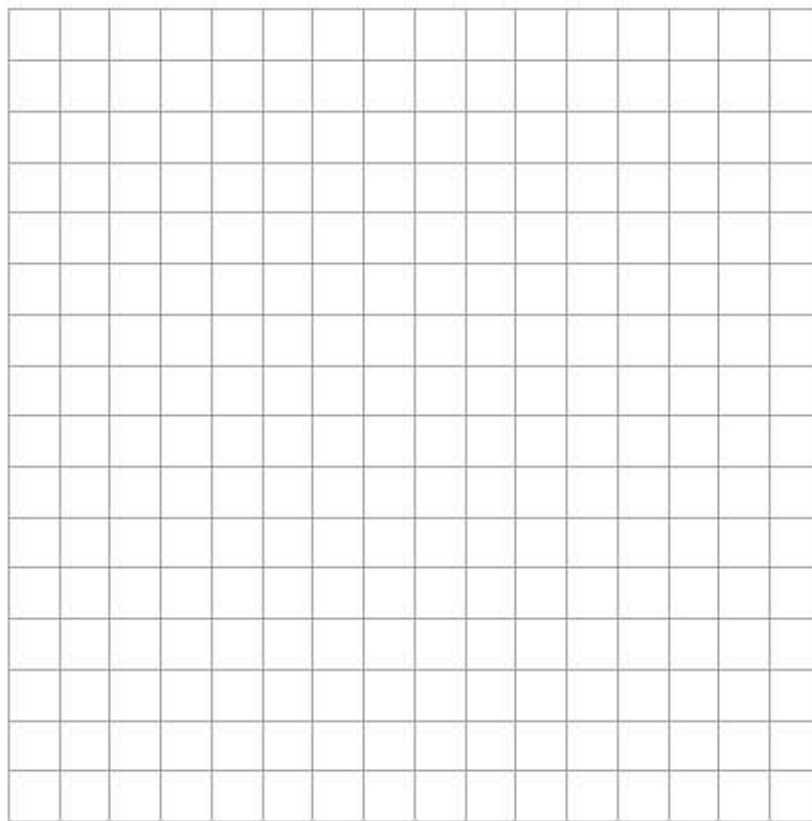


Linear Regression

The data table shows the velocity of a car during a 5.0 s interval.

t (s)	0.0	1.0	2.0	3.0	4.0	5.0
v (m/s)	12	15	15	18	20	21

Plot the data on the graph below and draw a best-fit straight line.



Using this graph, predict an equation for the best-fit line in the form $y = mx + b$. Compare this equation with that generated when you use the **LinReg(ax+b)** function of your calculator.