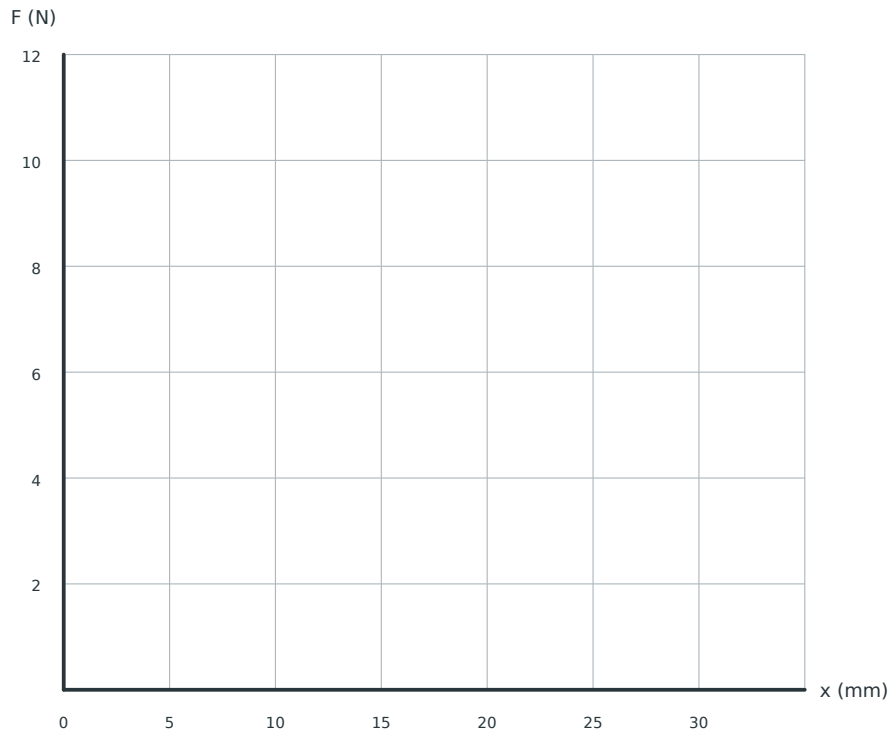


Engineering data: units on every axis

Fictional data: extension x (mm) = 0, 5, 10, 15, 20; force F (N) = 0, 2, 4, 6, 8. Plot the pairs. Use one cell for 5 mm extension horizontally and 2 N vertically. Predict F at $x = 25$ mm.



Second calculation: mass 9.6 g, volume 12 cm^3 . Find density. These are supplied teaching values, not measured samples.

$F(25)$: _____ Density: _____ Keep units in the working.



Actual size / 100%