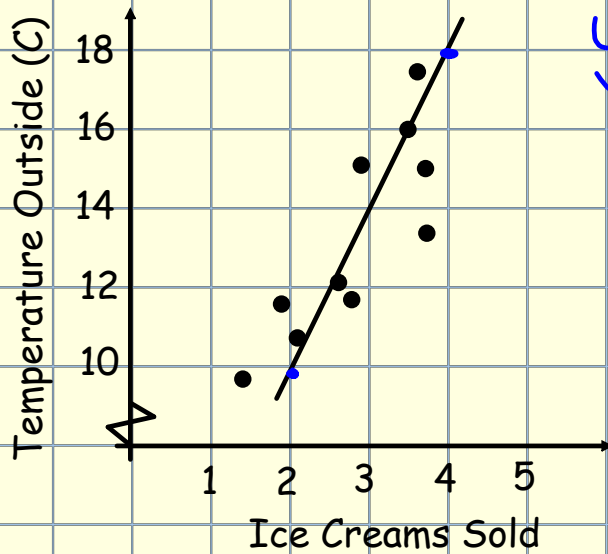


Starter

Calculate the equation of the line of best fit...



$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{10 - 18}{2 - 4} = \frac{-8}{-2} = 4$$

$$y - y_1 = m(x - x_1)$$

$(4, 18)$ $(2, 10)$

$$y - 10 = 4(x - 2)$$
$$y - 10 = 4x - 8$$
$$y = 4x + 2$$

Important Dates

Friday 16th March - Applications Unit Test (Calc)

Wednesday 21st March - 2nd Prelim (Calc)

Friday 4th May - National 5 Exam

Paper 1- 9:00 - 10:15

Paper 2- 10:35 - 12:25 (Calculator)

$$\frac{A}{\sin A} = \frac{B}{\sin B} = \frac{C}{\sin C}.$$

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$\rightarrow A = \frac{1}{2} ab \sin(c)$$