

# S3 Homework 5 Solutions

$$\textcircled{1} \quad 6y - 9 = 3(2y - 3)$$

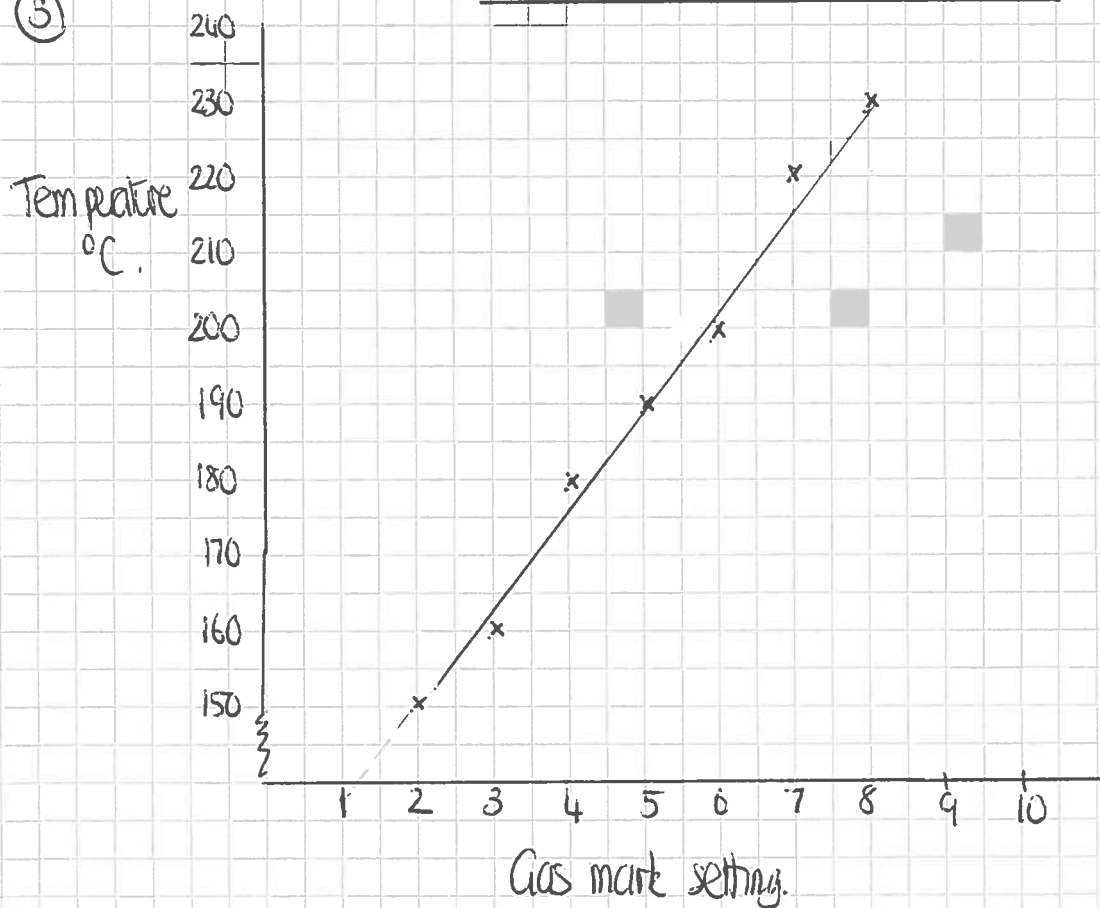
$$\textcircled{2} \quad 7x + 9 < 2$$

$$7x < -7$$

$$x < -1$$

③

Scatter Graph - Oven Temperatures



(c)  $135^{\circ}$

④

$$\begin{aligned} & \frac{q^2 - 3}{2p} \\ &= \frac{(-3)^2 - 3}{2 \times 2} \\ &= \frac{9 - 3}{4} \\ &= \frac{6}{4} \\ &= \frac{3}{2} \end{aligned}$$