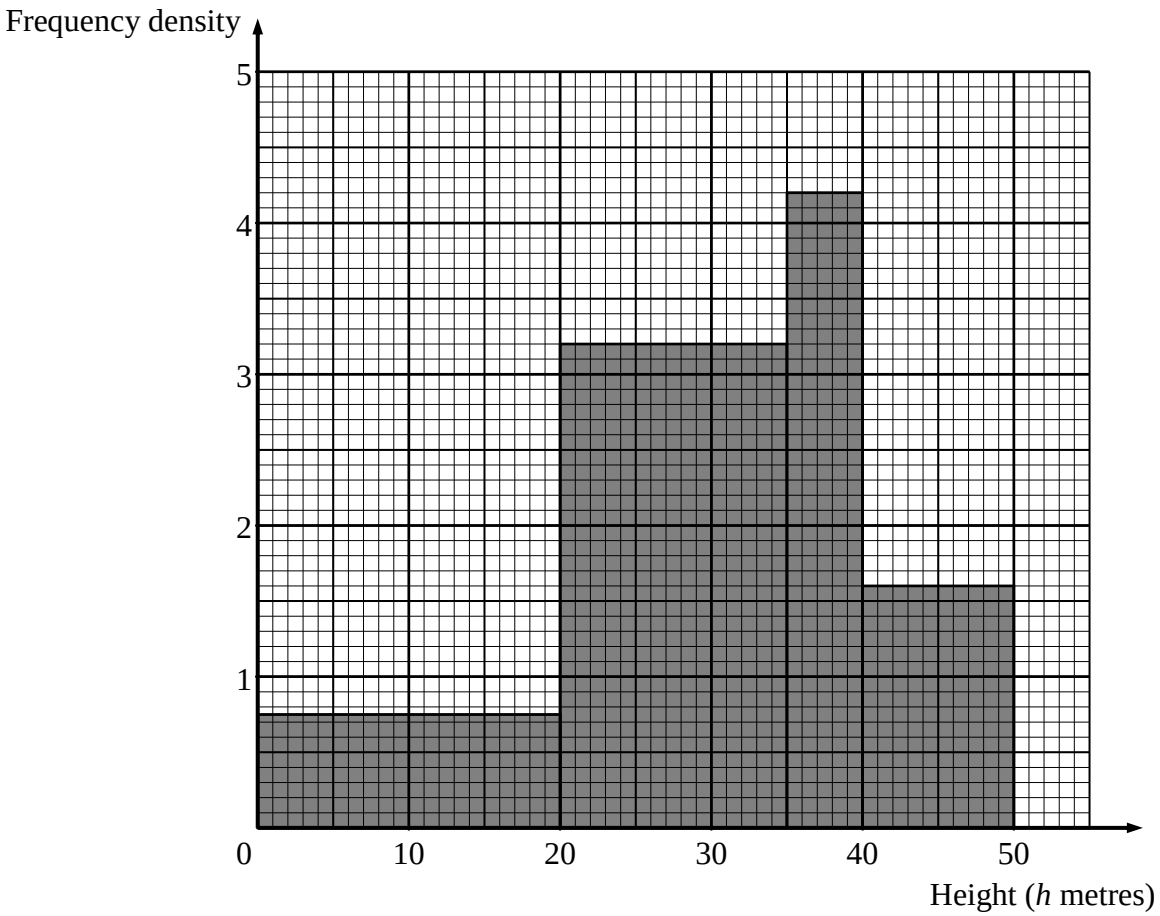
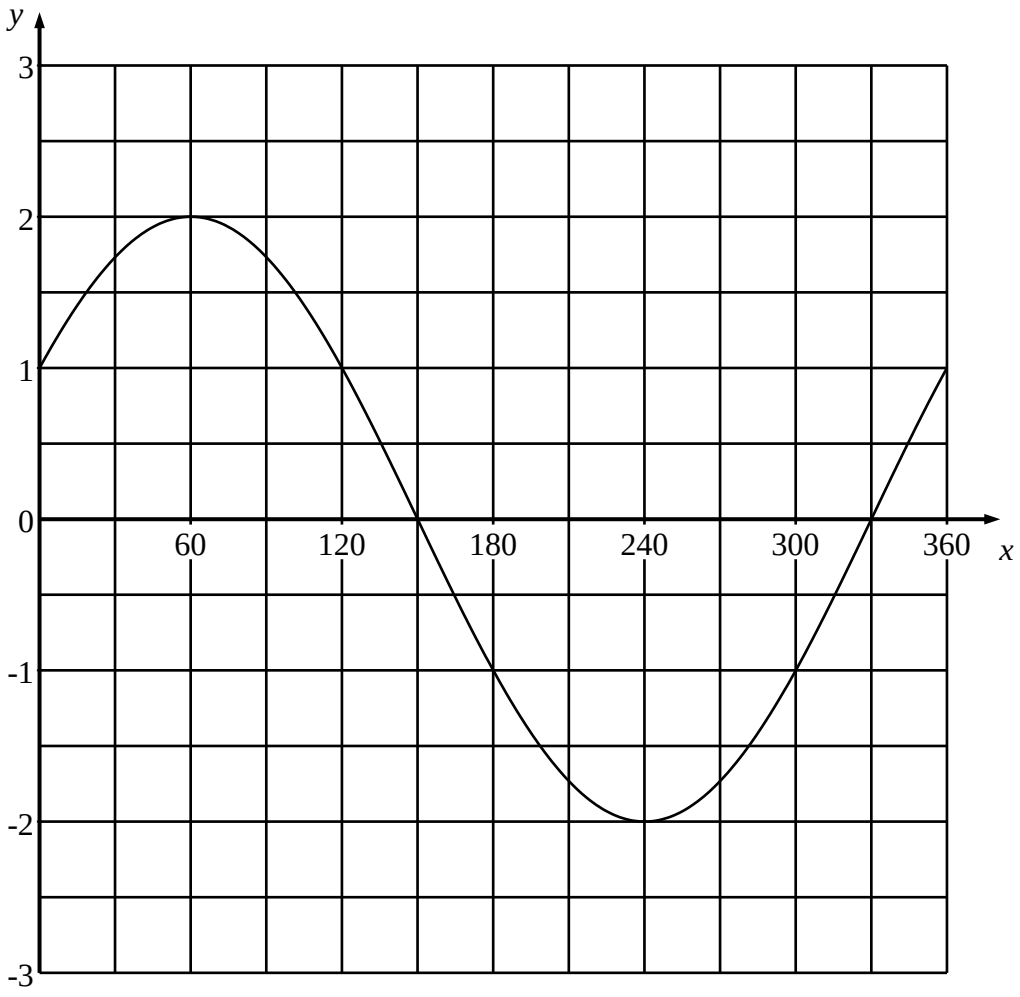
23		$\left(\frac{10+2}{2}, \frac{7+19}{2}\right)$ **or** (6, 13)		5	M1	
		$\frac{19-7}{10-2}\left(=\frac{12}{8}\right)$ oe **or** 1.5 oe			M1	
		$m \times \frac{3}{2} = -1$ oe **or** $m = -\frac{2}{3}$			M1	for use of $m_1m_2 = -1$
		"13" = "$-\frac{2}{3}$" × "6" + c **or** $c = 17$ oe **or** $y - "13" = "-\frac{2}{3}"(x - "6")$			M1	Or for $y = -\frac{2}{3}x + 17$ [NB: "13", "6" and "$-\frac{2}{3}$" must come from correct working]
			$3y + 2x = 51$		A1	for $3y + 2x = 51$ **or** $3y = -2x + 51$ etc but must be integer coefficients
						Total 5 marks

24		(v =) $3t^2 - 6 \times 2t + 5$ (+ 0)		4	M1	for differentiating at least 2 terms correctly
		(a =) $3 \times 2t - 12$			M1	dep ft
		$6t - 12 = 3$			M1	dep on at least M1 for equating their acceleration in terms of t to 3
			2.5 oe		A1	
						Total 4 marks

Q19



q22



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