2	(a)	15 km/h or $\frac{25}{6}$ m/sec or 0.25 km/min or $\frac{15}{4}$ oe 12 km/h or $\frac{10}{3}$ m/sec or 0.2 km/min or $\frac{9}{3}$ oe	'before' with reason	1	B1	e.g. before as gradient is steeper **or** before as speed before is 15 km/h speed after is 12 km/h **or** before as she goes over 11(allow 11-12) km in ¾ hour but only goes 9 km in ¾ hour after oe NB: any figures used for the reason must be accurate if they haven't used 'gradient is steeper' oe
	(b)		line from (12:00, 24) to (12:45, 24) to (14:15, 0)	2	B2	If not B2 then B1 for a line from (12:00, 24) to (12:45, 24) **or** for a line from (*t*, 24) to (*t* + 1.5, 0) **or** for a time of 1.5 hours (oe) seen
	(c)	1h 45m + 1h 30m **or** 1 + 0.75 + 1.5 **or** 3h 15m **or** 3.25h **or** 195m oe		3	M1	ft from their graph for total time when cycling
		(24 × 2) ÷ "3.25" oe eg (48 ÷ 195) × 60			M1	ft dep on M1 for full method
			14.8		A1	awrt 14.8
						Total 6 marks