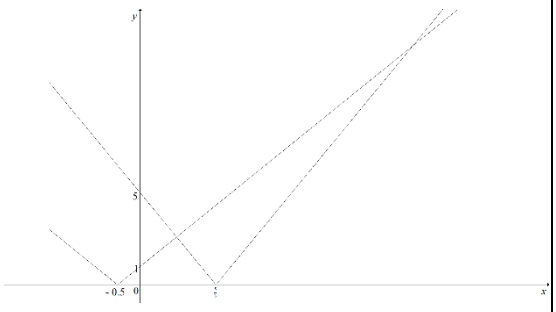
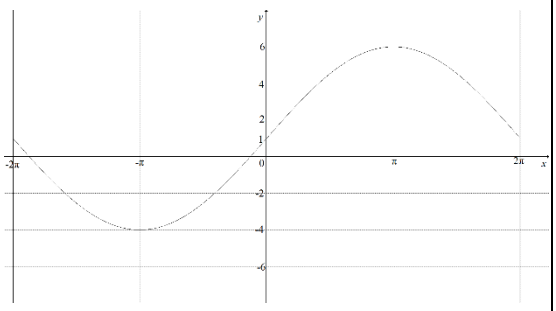
Question	Answer	Marks	Guidance
1(a)		**3**	**B1** for 2 V-shaped graphs with vertices in the 1st and 2nd quadrants, intersecting twice in the first quadrant. **Dep B1** for $(0,1)$ and $(0,5)$ **B1** for $\left(-\frac{1}{2},0\right)$ and $\left(\frac{5}{3},0\right)$
1(b)	$x=\frac{4}{5}$	**B1**	
	$2x+1=-5+3x$ oe	**M1**	For considering the negative for one of the functions
	$x=6$	**A1**	
	Alternative		
	$5x^2-34x+24=0$	**(2)**	**M1** for squaring each function and attempt to form a 3-term quadratic equation = 0. Allow one error. **A1** for a correct equation
	$x=\frac{4}{5}$, $x=6$	**(A1)**	For both
2(a)		**3**	**B1** for a complete cycle starting and finishing at $(-2\pi,\ 1)$ and $(2\pi,\ 1)$ **B1** for intercept at $y=1$ **B1** for a maximum when $y=6$ and a minimum when $y=-4$
2(b)	5	**B1**	
2(c)	4π or 720^{o}	**B1**	