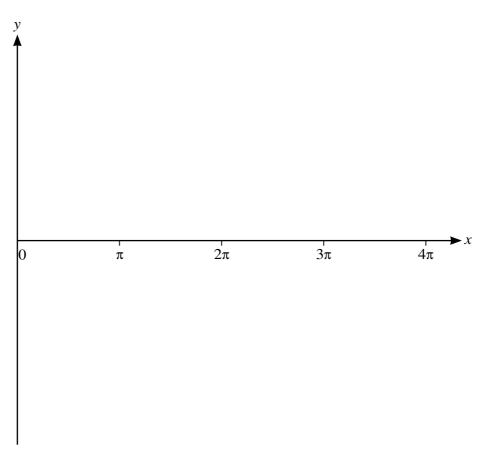
7 A curve has equation $y = 2 + 3 \sin \frac{1}{2}x$ for $0 \le x \le 4\pi$.

(a)	State greatest and least values of y.	[2]



(c) State the number of solutions of the equation

$$2 + 3\sin\frac{1}{2}x = 5 - 2x$$

for $0 \le x \le 4\pi$.	[1]