

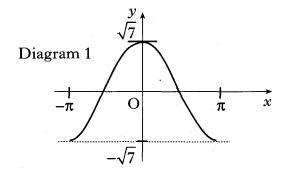
6.	What is the solution of the equation	$2\sin x - \sqrt{3} = 0 \text{ where}$	$\frac{\pi}{2} \le x \le \pi ?$
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- A $\frac{\pi}{6}$
- 008 PI
- B $\frac{2\pi}{3}$
- $C = \frac{3\pi}{4}$
- D $\frac{5\pi}{6}$

Ans B

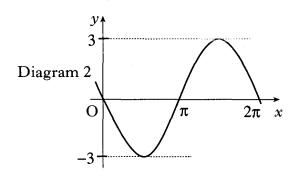
3. (a) (i) Diagram 1 shows part of the graph of y = f(x), where $f(x) = p\cos x$.

Write down the value of p.

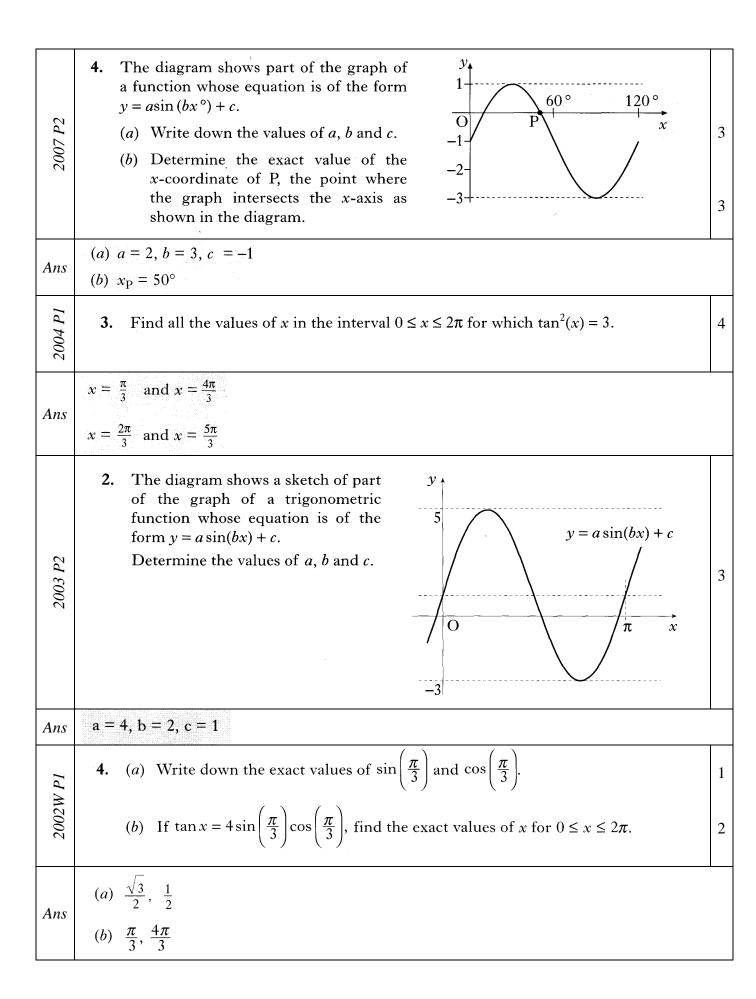


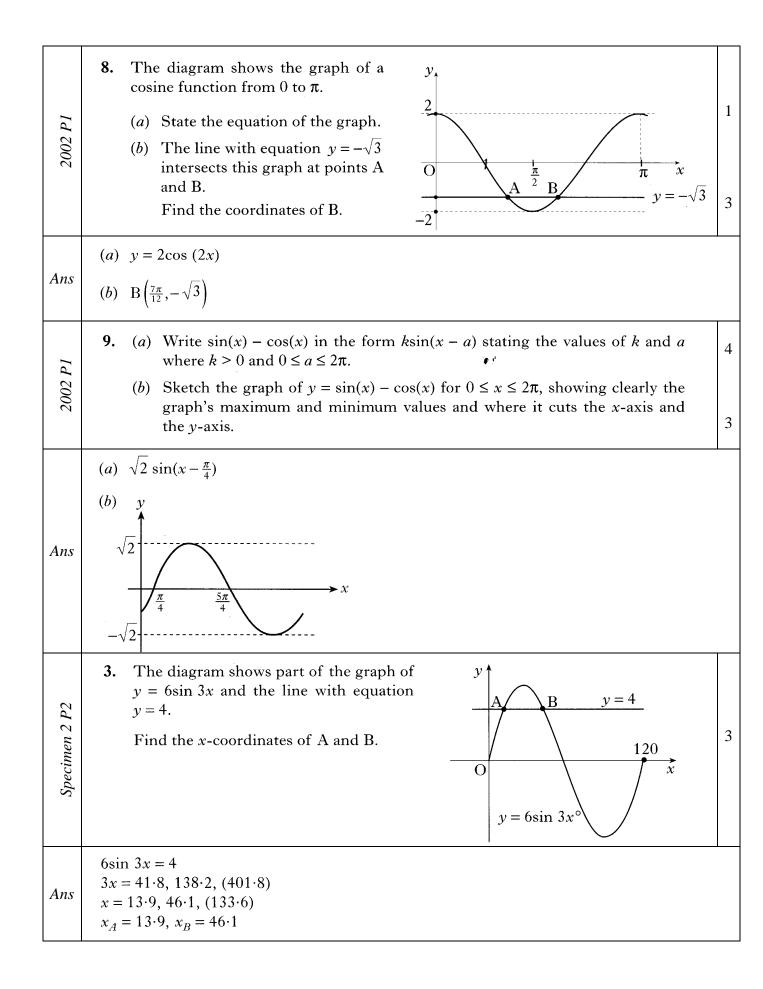
- 2008 P2
- (ii) Diagram 2 shows part of the graph of y = g(x), where $g(x) = q\sin x$.

Write down the value of q.



Ans $p = \sqrt{7}$, q = -3





Specimen I P1	8. Sketch the graph of $y = 2\sin(x-30)^\circ$ for $0 \le x < 360$.	4
Ans	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	