

Essential Skills 15

The questions in this series of worksheets appear frequently.

These are the GIFTS you must take to succeed



Trigonometric Equations (Calculator)

Solve the following: ($0 \leq x \leq 360$)

1. $2\sin x - 1 = 0$

2. $2\cos x - \sqrt{3} = 0$

3. $5\tan x - 1 = 2$

4. $6\sin x + 2 = 3$

5. $3\cos x + 1 = 3$

6. $2\tan x + 11 = 20$

7. $5\sin x - 1 = -3$

8. $4\cos x + 7 = 5$

9. $2\tan x + 3 = 1$

10. $20\sin x + 17 = 25$

APPLYING QUESTION

The curve $y = 4\sin x - 1$ is shown.

The line $y = -3$ intersects at A and B

Determine the coordinates of A and B

