

30th September

Corbettmaths

Solve the equations

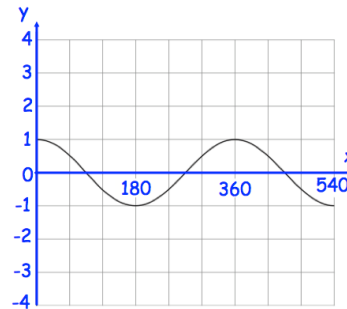
$$x^2 + y^2 = 25$$

$$x + y = 7$$

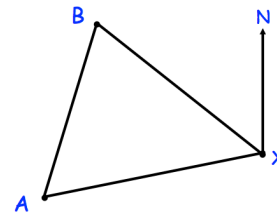
Shown is $y = \cos(x)$

On the same grid, sketch

$$y = -\cos(x) + 1$$

Simplify $5\sqrt{8} + \sqrt{18}$

Calculate the distance between A and B.



Ship A is 50km from X on a bearing of 258° .

Ship B is 40km from X on a bearing of 312° .

Calculate the bearing of A from B.