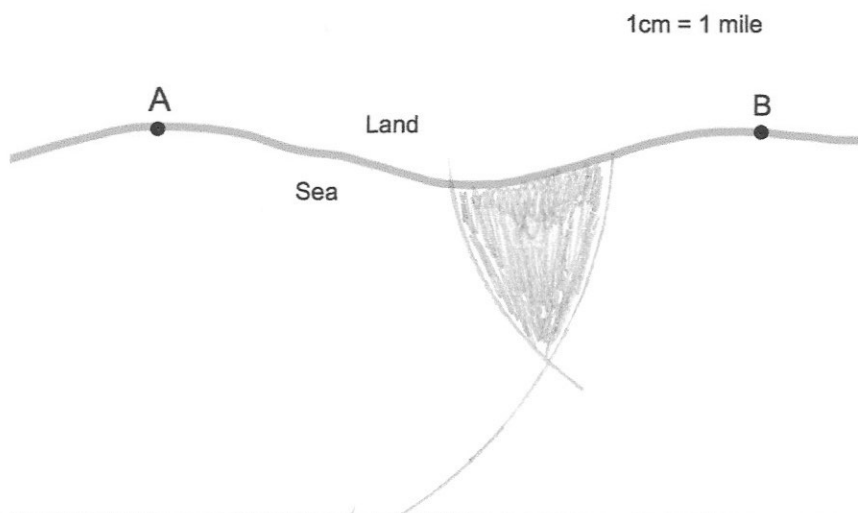


Factorise $y^2 - 64$

$$(y-8)(y+8)$$

The diagram shows two lighthouses.
 A boat is within than 6 miles of lighthouse A.
 The same boat is within 4 miles of lighthouse B.
 Shade the possible area in which the boat could be.

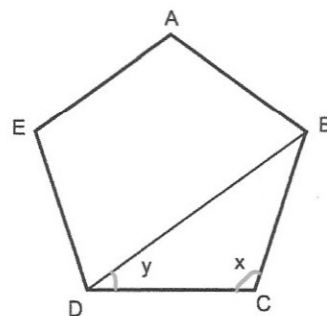


Shown below is a regular pentagon ABCDE.

Work out angles x and y

$$x = 540 \div 5 = 108^\circ$$

$$y = 36^\circ$$



Calculate the gradient of the straight line passing through $(0, 3)$ and $(4, 11)$.

$$\frac{8}{4} = 2$$

Write down the equation of the line.

$$y = 2x + 3$$