



Write as a fraction

0.28

$$f(x) = \frac{ax + 3}{4}$$

Given

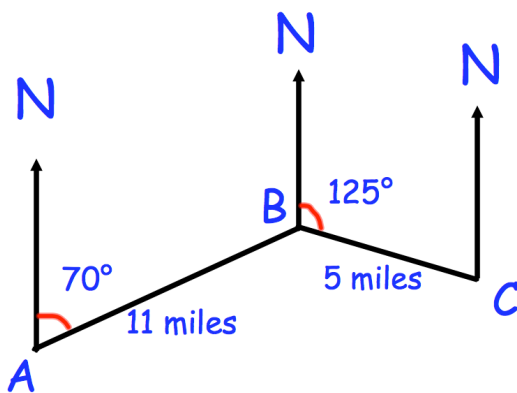
$$f(7) = 6$$

Find a

$$3^x = 9\sqrt{3} \quad \text{and} \quad 3^y = \frac{1}{\sqrt{3}}$$

Work out 3^{x-y}

Shown are three towns, Antrim, Ballyclare and Carrickfergus.



Find the bearing of Antrim from Carrickfergus.