

5th September



Corbettmaths

Given

$$f(x) = \frac{2x + 1}{3}$$

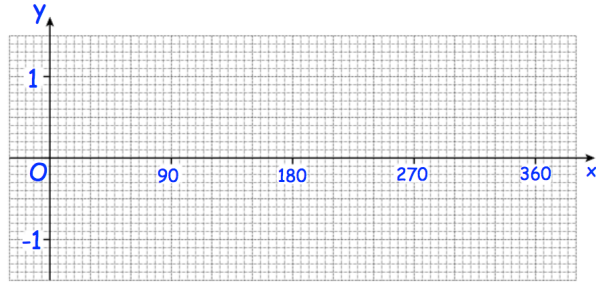
Calculate the value of

$$f(7)$$

Find

$$f^{-1}(x)$$

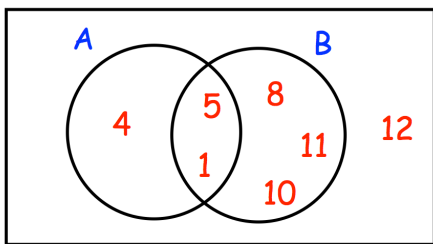
Sketch the graph of $y = \sin x$ for $0 \leq x \leq 360$.



Make m the subject of the formula

$$E = mgh + \frac{1}{4}mv^2$$

ξ



A number is chosen at random.

(a) Write down $P(A \cap B')$

(b) Write down $P(A' \cup B)$

(c) Write down $P(A | B)$