




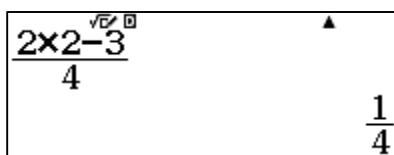
June 2011 P2 Q1(b)

(b) A function is defined by $f(x) = \frac{2x-3}{4}$.

(i) Find $f(2)$.

Solution:

First  press button to enter in fraction input and then type as shown below



June 2013 P2 Q9(b)

(b) $f(x) = \frac{3x+2}{5}$

Find


(i) $f(-4)$,

Answer $f(-4) = \dots\dots\dots [1]$

(ii) the value of g such that $f(g) = 7$,

Answer $g = \dots\dots\dots [2]$

Solution:

(i) First  press button to enter in fraction input and then type as shown below





$$\frac{3x-4+2}{5} = -2$$

(ii) first press $\frac{\square}{\square}$ button to enter a fraction then type 3 x $+$ 2 press \downarrow to navigate to denominator and type 5 then \rightarrow then press ALPHA CALC to enter = sign and then type 7 SHIFT CALC

$$\frac{3x+2}{5} = 7$$
$$x = 11$$

