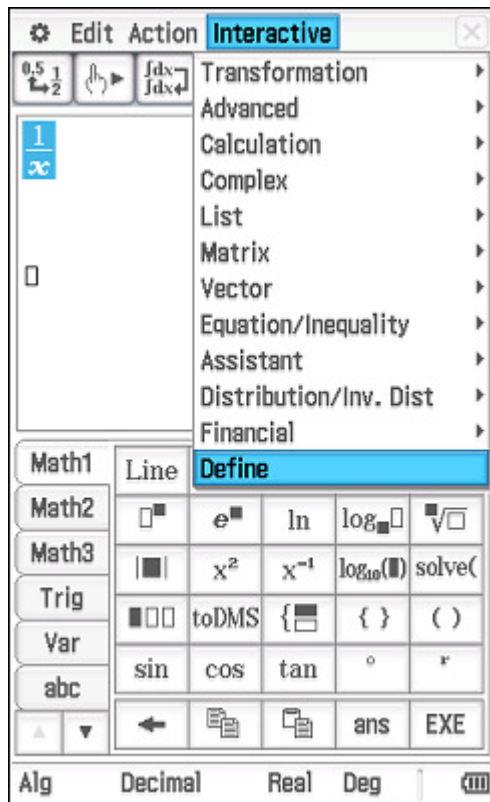Let $f(x) = \dfrac{1}{x}$. Find $f(5)$ and x such that

$f(x) = 0.25$.

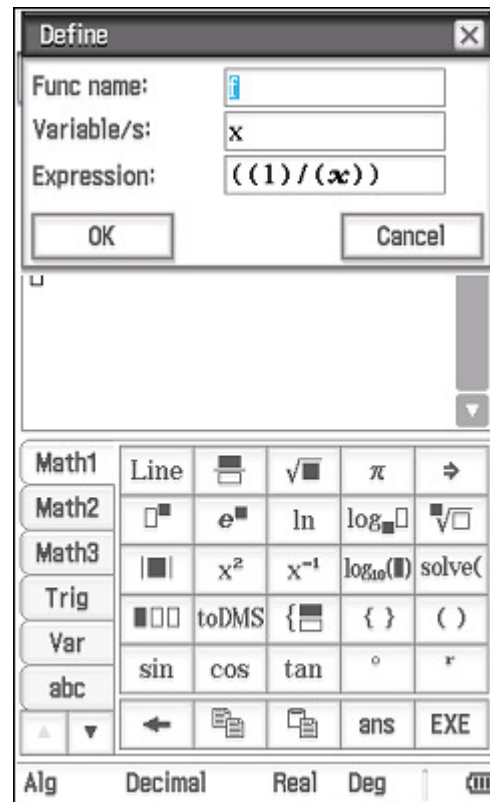Enter the expression $\dfrac{1}{x}$ and drag across

to select it.

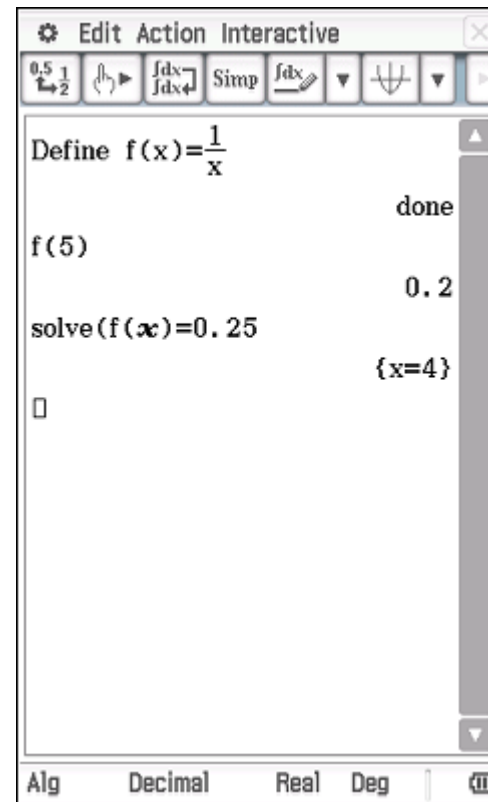Tap **Interactive**, **Define**.

Check that everything is as required.

To set g(x), etc, use the **abc** tab to
change the function name from f to g.
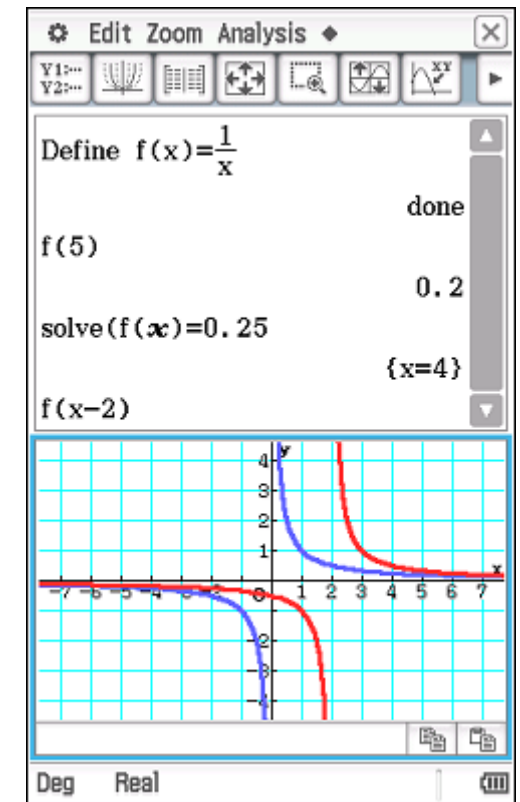
Tap **OK** and $f(x)$ has been defined.

Enter f(5) and tap **EXE**.
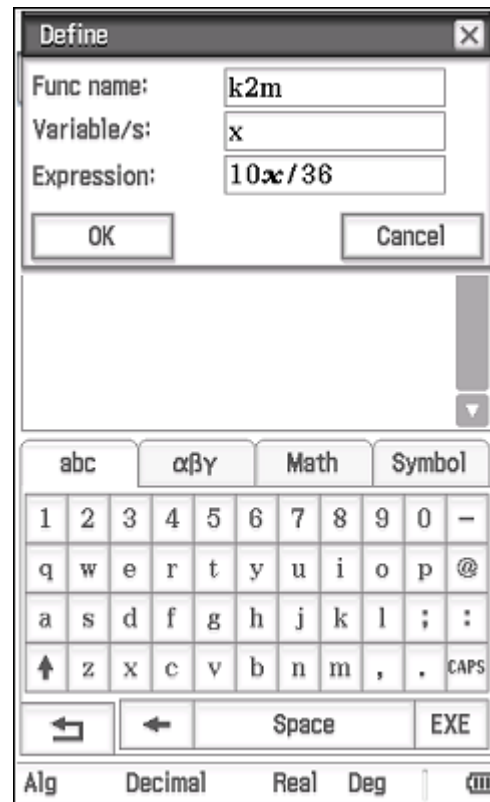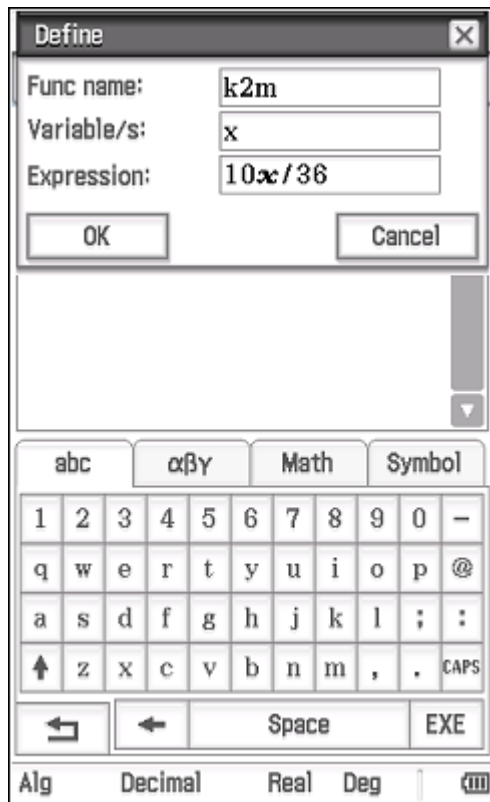
Solve $f(x) = 0.25$ as shown.

Graph y=f(x) and y=f(x-2).

Create a function called k2m to convert speeds from kilometres per hour to metres per second.

Tap **Interactive**, **Define**.

Use the **abc** tab to enter the 'Func name' as k2m.

Enter the conversion expression as $10x/36$.

Tap OK.

With the keyboard open, tap ▼ and under Form choose User.

All User Defined functions on your Classpad are now displayed.

Tap onto **k2m(** and tap **INPUT**.

Now add 100 to the function and tap **EXE**.

100km/h is approximately 27.8m/s.