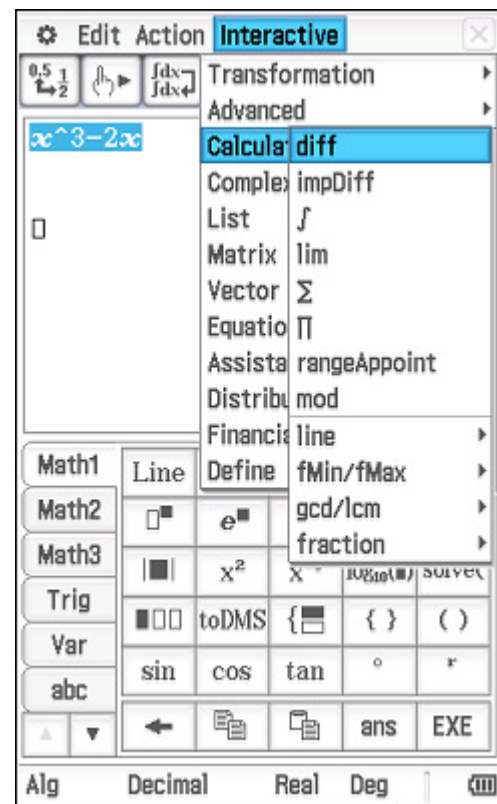Start in the Main application.

Enter the expression $x^3 - 2x$ and drag the pen back across it to select.
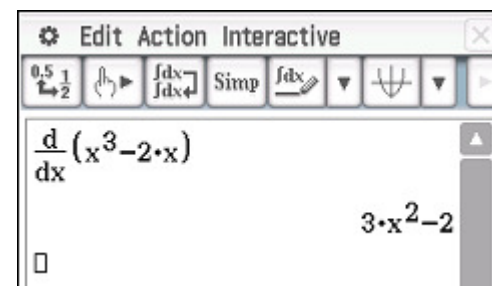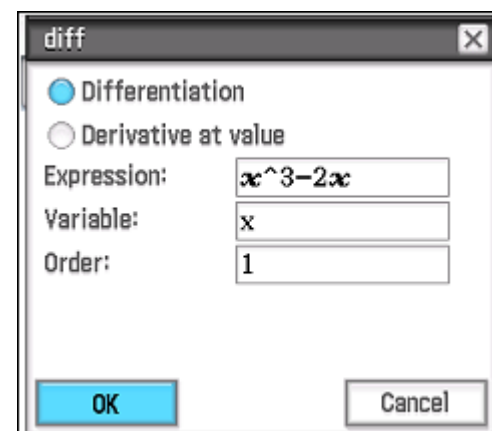
Tap **Interactive, Calculate, diff**.

The **diff** dialogue box opens.

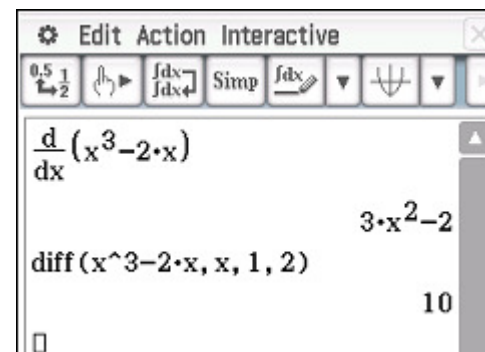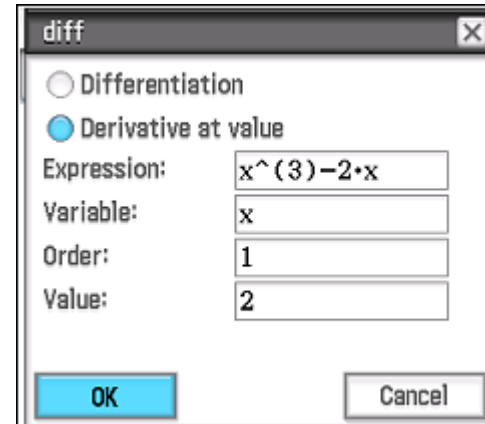For a first order derivative with respect to *x*, simply tap **OK**.

Classpad completes the syntax and returns the derivative.

Sometimes the value of the derivative for a given *x*-value is required.

When the **diff** dialogue box opens, tap on **Derivative at value**, enter the required value (eg 2) in the last line and tap **OK**.
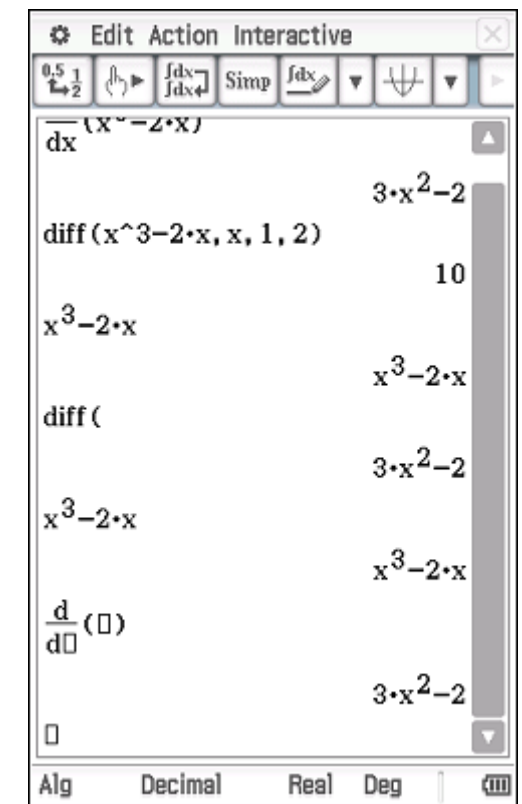
Classpad completes the syntax in a different way.

Shortcuts for first order derivatives with respect to *x*:

Enter the expression, tap **EXE.**

Enter diff(or $\frac{d}{d\blacksquare}\square$ on the next line (using shift keys, the action menu or the keyboard) and tap EXE.

Higher order derivatives can be calculated either using the **Interactive, Calculate, diff** method or using the template from the Math2 keyboard.

Derivatives can also be evaluated at a point as shown below.

Differentiation with respect to any variable is straightforward.