

There are many ways to calculate with powers, roots and fractions on ClassPad.

Three ways to evaluate  $4^2$ .

Three ways to evaluate  $4^2$ .

Two ways to evaluate  $3^4$ .

Two ways to evaluate  $3^4$ .

Evaluate  $\sqrt{49}$ .

In the second method shown, **Line** mode has been selected.

Evaluate  $(-6)^2$ .

*Care must always be taken when raising negative numbers to a power – always wrap the number in brackets first.*

$\sqrt{49}$

$\sqrt{(49)}$

$49^{0.5}$

$49^{(1/2)}$

$2\sqrt{49}$

$(-6)^2$

$-6$

$ans^2$

$x^2 | x=-6$

$solve(dS1v, x, 1, 1)$

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Evaluate  $\sqrt[3]{216}$ .Evaluate  $\frac{3}{4} + \frac{1}{6}$ .Evaluate  $3\frac{1}{2} \times 2$ .

Beware mixed numbers – the addition symbol **MUST** be placed between the whole number and the fractional parts when using the 2D fraction template.

The screen shows the error if this is omitted.